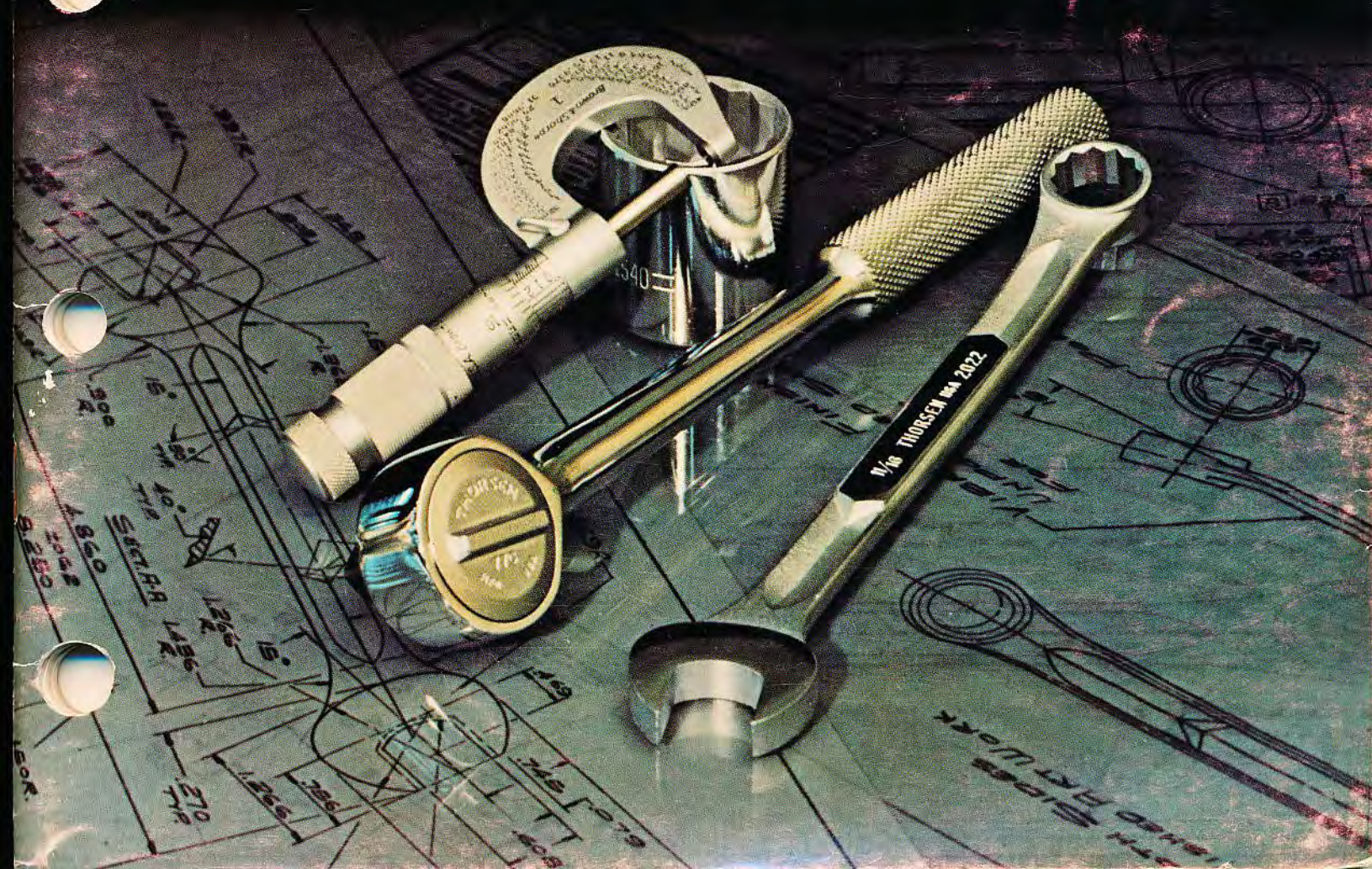


THORSEN TOOL

PROFESSIONAL QUALITY TOOLS...
FROM ENGINEERING EXCELLENCE AND ADVANCED
PROCESS DESIGN.



THORSEN TOOL A TOMORROW COMPANY TODAY

- Manufactures a complete line of quality mechanics hand tools.
- These hand tools are the product of advanced manufacturing technology and engineering design.
- Thorsen tools offer continuing precise and durable performance — they perform.

THORSEN PRACTICES THE PHILOSOPHY THAT PERFORMANCE FOLLOWS DESIGN. THIS IS APPARENT IN:

- The complete design of the hand tool line.
- An advanced computerized materials management system that provides, among other things, an outstanding service level to customers.
- Mechanized manufacturing processes that produce tools that are the industry's finest values.
- Equipment selection which is the latest technical design utilizing solid state controls.



- The use of cold extrusions to manufacture sockets to fit into those tight places and still provide greater strength.
- The appearance of Thorsen Tools is not just cosmetic — they are as good as they look. **Today, THORSEN** offers tools you can afford and the professional quality you can't afford to be without!

FULL LIFETIME WARRANTY UNCONDITIONAL GUARANTEE

All Thorsen tools carry a full lifetime warranty and are unconditionally guaranteed for the normal life of the product. Any tool that does not perform to your satisfaction during normal use will be promptly repaired or replaced upon return to any authorized Thorsen dealer. This warranty gives you specific rights and you may also have other rights which vary from state to state.



THORSEN
TOOL

PROFESSIONAL QUALITY TOOLS SINCE 1926

PROFESSIONAL PERFORMANCE LIFETIME QUALITY FINISH



THORSEN'S NEW "POSITIVE EJECT" . . .

Socket Ejector Ratchet features Thorsen's patented design that positively pushes the socket off rather than simply releasing ball pressure as some competitive models do.

All Thorsen Ratchets feature advanced engineering design, full polish and are professionally heat treated to provide the best strength and wear characteristics.



THORSEN'S COLD EXTRUDED SOCKETS . . .

Featuring a high technology extrusion process that provides strong contact faces at the points, thin walls for accessibility, maximum bolt hole clearance and precision heat treatment to provide the ultimate in socket strength — complemented by professional finish and nickel chrome plating.



THORSEN'S NEW RAISED PANEL . . .

Flat wrench design is the ultimate in functional and cosmetic excellence — depressed panel at working ends for better grip — I beam type construction for strength with polished panel for cosmetic excellence.



THORSEN'S NEW SCREWDRIVER LINE...

Line features 6150 chrome-vanadium steel, heavy duty extruded handles and a broad, new selection of round and square blade drivers.

**THORSEN TOOLS ARE MANUFACTURED
TO U.S. GOVERNMENT SPECIFICATIONS**

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1/4" DRIVE

3/8" DRIVE

1/2" DRIVE

3/4" DRIVE

MULTI-DRIVE
SETS

MASTER TOOL
SETS

COMBINATION
WRENCHES

OPEN END
WRENCHES

BOX
WRENCHES

SCREWDRIVERS

PUNCHES &
CHISELS

PLIERS

TORQUE
WRENCHES

TOOL BOXES

REVERSIBLE RATCHET

Closed head, recessed knob ratchet with fully knurled handle designed for versatility and strength in small areas.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
77MC	5"	6	.25 lbs.
RK14 Repair Kit		1	.05 lbs.



EXTENSIONS

Strong cold headed, nickel chrome plated extensions for those hard to reach spots.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
50M	2"	6	.10 lbs.
53M	6"	6	.17 lbs.



FLEXHANDLE.

Useful as nut spinner or to apply torque. Functions at any angle to 90°.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
18M	6"	6	.22 lbs.



SPINNER HANDLE

Extends plastic handle with 3"-1/4" drive shank for spinning nuts on and off.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
80M	6"	6	.16 lbs.



T-HANDLE

Head slides to any position on bar.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
42M	4-1/2"	6	.19 lbs.



SPEEDER HANDLE

Convenient when speed for nut running and additional reach is required.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
62M	14-1/4"	6	.50 lbs.



ADAPTOR

Adapts 3/8" Drive Sockets for use with 1/4" Drive Attachments.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
92	3/4"	6	.10 lbs.



UNIVERSAL JOINT

Connects sockets to handles or extensions to allow work at almost any angle.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
33M	1-1/4"	6	.10 lbs.





6 POINT REGULAR HEX NUTS

For Hex Sockets — precision machined and fully nickel chrome plated.

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
6M	3/16"	15/16"	6	.02 lbs.
7M	7/32"	15/16"	6	.02 lbs.
8M	1/4"	15/16"	6	.02 lbs.
9M	9/32"	15/16"	6	.02 lbs.
10M	5/16"	15/16"	6	.02 lbs.
11M	11/32"	15/16"	6	.02 lbs.
12M	3/8"	15/16"	6	.06 lbs.
14M	7/16"	15/16"	6	.06 lbs.
16M	1/2"	15/16"	6	.06 lbs.

8 POINT REGULAR SOCKETS

For older style square head fasteners.

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
8MS	1/4"	15/16"	6	.02 lbs.
10MS	5/16"	15/16"	6	.02 lbs.
12MS	3/8"	15/16"	6	.02 lbs.

12 POINT REGULAR DOUBLE HEX NUTS

For precision electronic automotive and aircraft work using hex nuts.

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
6T	3/16"	15/16"	6	.02 lbs.
7T	7/32"	15/16"	6	.02 lbs.
8T	1/4"	15/16"	6	.02 lbs.
9T	9/32"	15/16"	6	.02 lbs.
10T	5/16"	15/16"	6	.02 lbs.
11T	11/32"	15/16"	6	.02 lbs.
12T	3/8"	15/16"	6	.06 lbs.
14T	7/16"	15/16"	6	.06 lbs.
16T	1/2"	15/16"	6	.06 lbs.

6 POINT EXTRA DEEP SOCKETS

Deep Sockets for extra reach in tight areas which are too small for larger drive sizes.

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
6ML	3/16"	2"	6	.06 lbs.
7ML	7/32"	2"	6	.07 lbs.
8ML	1/4"	2"	6	.07 lbs.
9ML	9/32"	2"	6	.07 lbs.
10ML	5/16"	2"	6	.09 lbs.
11ML	11/32"	2"	6	.09 lbs.
12ML	3/8"	2"	6	.10 lbs.
14ML	7/16"	2"	6	.10 lbs.

12 POINT EXTRA DEEP SOCKETS

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
6TL	3/16"	2"	6	.06 lbs.
7TL	7/32"	2"	6	.07 lbs.
8TL	1/4"	2"	6	.07 lbs.
9TL	9/32"	2"	6	.07 lbs.
10TL	5/16"	2"	6	.09 lbs.
11TL	11/32"	2"	6	.09 lbs.
12TL	3/8"	2"	6	.10 lbs.
14TL	7/16"	2"	6	.10 lbs.

6 POINT REGULAR METRIC SOCKETS

METRIC

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
20204	4MM	15/16"	6	.02 lbs.
20205	5MM	15/16"	6	.02 lbs.
20255	5.5MM	15/16"	6	.02 lbs.
20206	6MM	15/16"	6	.02 lbs.
20263	6.3MM	15/16"	6	.02 lbs.
20207	7MM	15/16"	6	.04 lbs.
20208	8MM	15/16"	6	.04 lbs.
20209	9MM	15/16"	6	.04 lbs.
20210	10MM	15/16"	6	.06 lbs.
20211	11MM	15/16"	6	.06 lbs.



1/4" DRIVE SETS

SET NO. 1408DP 8 PC. 1/4" DRIVE DEEP SET

A compact clip consisting of eight 6-point deep sockets includes the most popular 1/4" drive sizes — 3/16" through 7/16" — thin wall and precision forging allows ample room for bolt clearance. Furnished in "Snap Tite" metal clip.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
6ML	3/16" 6 Pt. Deep Skt.	10ML	5/16" 6 Pt. Deep Skt.
7ML	7/32" 6 Pt. Deep Skt.	11ML	11/32" 6 Pt. Deep Skt.
8ML	1/4" 6 Pt. Deep Skt.	12ML	3/8" 6 Pt. Deep Skt.
9ML	9/32" 6 Pt. Deep Skt.	14ML	7/16" 6 Pt. Deep Skt.

Black Enamel Metal Clip 4-1/4 x 2-1/8 x 3/4
STD. PKG. 1 WEIGHT .75 LBS.



SET NO. 1411 11 PC. 1/4" DRIVE SOCKET SET

A basic starter set for small jobs through 7/16". For hobby and electronic and ignition work.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
8M	1/4" 6 Pt. Skt.	14M	7/16" 6 Pt. Skt.
9M	9/32" 6 Pt. Skt.	8MS	1/4" 8 Pt. Skt.
10M	5/16" 6 Pt. Skt.	10MS	5/16" 8 Pt. Skt.
11M	11/32" 6 Pt. Skt.	12MS	3/8" 8 Pt. Skt.
12M	3/8" 6 Pt. Skt.	80M	Spinner Handle

Black enamel metal box 7 x 3-1/4 x 1-3/8
STD. PKG. 1 WEIGHT 1.25 LBS.



SET NO. 1416 16 PC. 1/4" DRIVE SOCKET SET

A medium range set with the basic tools for ignition and distributor work plus electronic and hobby applications.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
80M	Spinner Handle	10M	5/16" 6 Pt. Skt.
77MC	Rev. Ratchet	11M	11/32" 6 Pt. Skt.
50M	2" Ext.	12M	3/8" 6 Pt. Skt.
53M	6" Ext.	14M	7/16" 6 Pt. Skt.
6M	3/16" 6 Pt. Skt.	8MS	1/4" 8 Pt. Skt.
7M	7/32" 6 Pt. Skt.	10MS	5/16" 8 Pt. Skt.
8M	1/4" 6 Pt. Skt.	12MS	3/8" 8 Pt. Skt.
9M	9/32" 6 Pt. Skt.		

Black enamel metal box 7 x 3-1/4 x 1-3/8
STD. PKG. 1 Weight 1.65 Lbs.



1/4" DRIVE SETS

THORSEN TOOL

1/4" DRIVE SETS



SET NO. 1422 22 PC. 1/4" DRIVE SOCKET SET

Thorsen's most complete 1/4" Drive Set includes all 9 regular sockets, 7 deep wall sockets, and most 1/4" attachments. Perfect for television repair, ignition and light mechanical work.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
80M	Spinner Handle	12M	3/8" 6 Pt. Skt.
33M	Univ. Joint	14M	7/16" 6 Pt. Skt.
50M	2" Ext.	16M	1/2" 6 Pt. Skt.
53M	6" Ext.	8ML	1/4" 6 Pt. Deep Skt.
77MC	Rev. Ratchet	9ML	9/32" 6 Pt. Deep Skt.
6M	3/16" 6 Pt. Skt.	10ML	5/16" 6 Pt. Deep Skt.
7M	7/32" 6 Pt. Skt.	11ML	11/32" 6 Pt. Deep Skt.
8M	1/4" 6 Pt. Skt.	12ML	3/8" 6 Pt. Deep Skt.
9M	9/32" 6 Pt. Skt.	14ML	7/16" 6 Pt. Deep Skt.
10M	5/16" 6 Pt. Skt.	16ML	1/2" 6 Pt. Deep Skt.
11M	11/32" 6 Pt. Skt.		

Black enamel metal box 9-1/2 x 4 x 1-1/2
STD. PKG. 1 WEIGHT 3.77 LBS.



SET NO. 10015 15 PC. 1/4" DRIVE SOCKET SET

A basic set for automotive and hobby work. Set comes in easy to carry blow molded box.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
80M	Spinner Handle	10M	5/16" 6 Pt. Skt.
53M	6" Ext.	11M	11/32" 6 Pt. Skt.
77MC	Rev. Ratchet	12M	3/8" 6 Pt. Skt.
6M	3/16" 6 Pt. Skt.	14M	7/16" 6 Pt. Skt.
7M	7/32" 6 Pt. Skt.	8MS	1/4" 8 Pt. Skt.
8M	1/4" 6 Pt. Skt.	10MS	5/16" 8 Pt. Skt.
9M	9/32" 6 Pt. Skt.	12MS	3/8" 8 Pt. Skt.

Black blow molded box with handle 10-1/2" x 4-3/4" x 1-3/4"
STD PKG. 1 WEIGHT 4.10 LBS.

METRIC SET NO. M-1411 11 PC. 1/4" DRIVE METRIC SOCKET SET

A basic starter set for small jobs through 11mm. For hobby and electronic and ignition work.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
4MM	6 Pt. Skt.	9MM	6 Pt. Skt.
5MM	6 Pt. Skt.	10MM	6 Pt. Skt.
6MM	6 Pt. Skt.	11MM	6 Pt. Skt.
7MM	6 Pt. Skt.	80M	Spinner Handle
8MM	6 Pt. Skt.	90	Adapter to 1/4M

Black enamel metal box 7" x 3-1/4" x 1-1/4"
STD. PKG.1 WEIGHT 1.25 LBS.



REVERSIBLE RATCHET

A fully enclosed head ratchet designed for fast, positive action. Fully polished with knurled handle grip.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
77JC	7-1/2"	6	.60 lbs.
RK38	Renewal Kit	1	.08 lbs.



FLEX HEAD RATCHET

A specially designed tool with a 120° swing in the head. Exceptional for working around obstructions and for sparkplug installation.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
88JNR	11"	6	.87 lbs.
RK38	Renewal Kit Fits 88JNR Ratchet		.08 lbs.



EJECTOR RATCHET

Thorsen's New "Positive Eject" Ratchet. Pushing turn knob easily pushes socket off square. Patented and patent pending — available 1979.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
89J	7-1/2"	6	.65 lbs.



EXTENSIONS

A wide selection to provide the specific length necessary to reach nuts and bolts that are not readily accessible.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
50J	1-1/2"	6	15 lbs.
51J	2-5/8"	6	.18 lbs.
52J	3"	6	.20 lbs.
53J	5"	6	.23 lbs.
54J	6"	6	.25 lbs.
57J	10"	6	.40 lbs.
58J	12"	6	.45 lbs.
59J	18"	6	.65 lbs.



FLEXHANDLE

A touch tool with 90° swing in drive end, for breaking loose those tight fasteners.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
12J	8"	6	.60 lbs.



SPEEDER HANDLE

For use in those special situations when speed and reach are required.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
62J	16-1/2"	6	1.00 lbs.



SLIDING TEE HANDLE

Head slides to any position on bar.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
42J	8"	6	.40 lbs.





UNIVERSAL JOINT

Spring loaded joint holds tool at desired angle while working in tight areas.

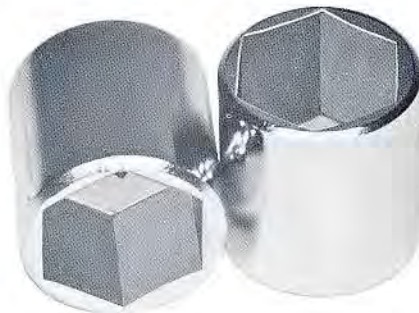
PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
33J	2"	6	.14 lbs.



ADAPTORS

Converts 3/8 Drive either down to 1/4" or up to 1/2" Drive.

PART NO.	SIZE	LENGTH	STD PKG.	WEIGHT EA.
90	3/8 F x 1/4 M	1-1/16"	6	.07 lbs.
98	3/8 F x 1/2 M	1-1/4"	6	.10 lbs.



6 POINT REGULAR SOCKETS

PART NO.	SIZE	LENGTH	STD PKG.	WEIGHT EA.
308X	1/4"	1"	6	.05 lbs.
310X	5/16"	1"	6	.05 lbs.
312X	3/8"	1-1/16"	6	.05 lbs.
314X	7/16"	1-1/16"	6	.05 lbs.
316X	1/2"	1-1/16"	6	.05 lbs.
318X	9/16"	1-1/16"	6	.08 lbs.
320X	5/8"	1-1/16"	6	.09 lbs.
322X	11/16"	1-1/16"	6	.13 lbs.
324X	3/4"	1-1/16"	6	.16 lbs.



12 POINT REGULAR SOCKETS

PART NO.	SIZE	LENGTH	STD PKG.	WEIGHT EA.
308	1/4"	1"	6	.05 lbs.
310	5/16"	1"	6	.05 lbs.
312	3/8"	1-1/16"	6	.05 lbs.
314	7/16"	1-1/16"	6	.05 lbs.
316	1/2"	1-1/16"	6	.05 lbs.
318	9/16"	1-1/16"	6	.05 lbs.
320	5/8"	1-1/16"	6	.09 lbs.
322	11/16"	1-1/16"	6	.13 lbs.
324	3/4"	1-1/16"	6	.16 lbs.
326	13/16"	1-1/16"	6	.19 lbs.
328	7/8"	1-1/16"	6	.19 lbs.
330	15/16"	1-1/16"	6	.19 lbs.
332	1"	1-1/16"	6	.19 lbs.



6 POINT DEEP SOCKETS

PART NO.	SIZE	LENGTH	STD PKG.	WEIGHT EA.
612JX	3/8"	2-1/8"	6	.11 lbs.
614JX	7/16"	2-1/8"	6	.13 lbs.
616JX	1/2"	2-1/4"	6	.13 lbs.
618JX	9/16"	2-1/4"	6	.16 lbs.

12 POINT DEEP SOCKETS

PART NO.	SIZE	LENGTH	STD PKG.	WEIGHT EA.
612J	3/8"	2-1/8"	6	.11 lbs.
614J	7/16"	2-1/8"	6	.13 lbs.
616J	1/2"	2-1/4"	6	.13 lbs.
618J	9/16"	2-1/4"	6	.16 lbs.
620J	5/8"	2-3/8"	6	.22 lbs.
622J	11/16"	2-3/8"	6	.22 lbs.
624J	3/4"	2-3/8"	6	.28 lbs.
626J	13/16"	2-1/2"	6	.34 lbs.
628J	7/8"	2-1/2"	6	.38 lbs.



SPARKPLUG SOCKETS

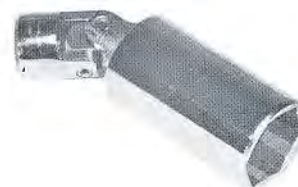
Outside hex and female square. Can be turned with any hand wrench or ratchet. Neoprene insert protects porcelain on plug for easy removal.

PART NO.	SIZE	LENGTH	STD PKG.	WEIGHT EA.
626JR	13/16" 6 Pt.	2-1/2"	6	.31 lbs.
620JR	5/8" 6 Pt.	2-1/2"	6	.22 lbs.



UNIVERSAL SPARKPLUG SOCKETS

PART NO.	SIZE	LENGTH	STD PKG.	WEIGHT EA.
420JR	5/8"	2-3/4"	6	.33 lbs.
426JR	13/16"	2-3/4"	6	.34 lbs.



6 POINT UNIVERSAL SOCKETS

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
412JX	3/8"	2"	6	.09 lbs.
414JX	7/16"	2"	6	.09 lbs.



12 POINT UNIVERSAL SOCKETS

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
412J	3/8"	2"	6	.09 lbs.
414J	7/16"	2"	6	.09 lbs.
416J	1/2"	2"	6	.09 lbs.
418J	9/16"	2"	6	.09 lbs.
420J	5/8"	2"	6	.13 lbs.
422J	11/16"	2"	6	.13 lbs.
424J	3/4"	2"	6	.13 lbs.





HEX BIT SOCKETS

Hex Heads are accurate and provide good fit in Hollowhead set screws

PART NO.	SIZE	LENGTH	STD PKG.	WEIGHT EA.
HK-5	5/32"	2"	6	.09 lbs.
HK-6	3/16"	2"	6	.09 lbs.
HK-7	7/32"	2"	6	.09 lbs.
HK-8	1/4"	2"	6	.09 lbs.
HK-10	5/16"	2"	6	.13 lbs.
HK-12	3/8"	2"	6	.13 lbs.



STOPLIGHT AND OIL PRESSURE LIGHT SOCKET

Special 1" and 1-1/16" double socket for stop light and oil pressure light switches.

PART NO.	SIZE	LENGTH	STD PKG.	WEIGHT EA.
382	1-1/16"	1-7/8"	6	.40 lbs.

METRIC 6 POINT METRIC REGULAR SOCKETS



PART NO.	SIZE	LENGTH	STD PKG.	WEIGHT EA.
7MM	7MM	1"	6	.05 lbs.
8MM	8MM	1"	6	.05 lbs.
9MM	9MM	1"	6	.05 lbs.
10MM	10MM	1"	6	.05 lbs.
11MM	11MM	1"	6	.05 lbs.
12MM	12MM	1-1/16"	6	.06 lbs.
13MM	13MM	1-1/16"	6	.06 lbs.
14MM	14MM	1-1/16"	6	.06 lbs.
15MM	15MM	1-1/16"	6	.06 lbs.
16MM	16MM	1-1/16"	6	.09 lbs.
17MM	17MM	1-1/16"	6	.09 lbs.
18MM	18MM	1-1/16"	6	.09 lbs.
19MM	19MM	1-1/16"	6	.09 lbs.
21MM	21MM	1-1/16"	6	.10 lbs.
22MM	22MM	1-1/16"	6	.10 lbs.
24MM	24MM	1-1/16"	6	.10 lbs.

METRIC 6 POINT METRIC DEEP SOCKETS



PART NO.	SIZE	LENGTH	STD PKG.	WEIGHT EA.
21510	10MM	2"	6	.11 lbs.
21511	11MM	2"	6	.13 lbs.
21512	12MM	2"	6	.14 lbs.
21513	13MM	2-1/8"	6	.15 lbs.

METRIC 12 POINT METRIC DEEP SOCKETS



PART NO.	SIZE	LENGTH	STD PKG.	WEIGHT EA.
21614	14MM	2-1/8"	6	.18 lbs.
21615	15MM	2-1/8"	6	.21 lbs.
21617	17MM	2-1/4"	6	.23 lbs.
21619	19MM	2-1/4"	6	.28 lbs.

SET NO. 3810 10 PC. 3/8" DRIVE SOCKET SET

A small 10 piece starter set. Seven middle range sockets plus extension and reversible ratchet.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
53J	5" Ext.	318	9/16" 12 Pt. Skt.
77JC	Rev. Ratchet	320	5/8" 12 Pt. Skt.
312X	3/8" 6 Pt. Skt.	322	11/16" 12 Pt. Skt.
314X	7/16" 6 Pt. Skt.	324	3/4" 12 Pt. Skt.
316	1/2" 12 Pt. Skt.		

Black enamel metal box 8-3/4" x 3" x 2"
STD. PKG. 1 WEIGHT 2.30 LBS.



SET NO. 3811 12 PC. 3/8" DRIVE SOCKET SET

A more complete basic set. Socket sizes range from 3/8"-7/8". Also includes reversible ratchet and extension.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
53J	5" Ext.	320	5/8" 12 Pt. Skt.
77JC	Rev. Ratchet	322	11/16" 12 Pt. Skt.
312X	3/8" 6 Pt. Skt.	324	3/4" 12 Pt. Skt.
314X	7/16" 6 Pt. Skt.	326	13/16" 12 Pt. Skt.
316	1/2" 12 Pt. Skt.	328	7/8" 12 Pt. Skt.
318	9/16" 12 Pt. Skt.		

Black enamel metal box 8-3/4" x 3" x 2"
STD. PKG. 1 WEIGHT 2.80 LBS.



SET NO. 3814 20 PC. 3/8" DRIVE SOCKET SET

An excellent intermediate range set that includes the most popular — regular and deep — sockets and attachments. Excellent for automotive and engine repair.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
77JC	Rev. Ratchet	326	13/16" 12 Pt. Skt.
51J	2-5/8" Ext.	328	7/8" 12 Pt. Skt.
53J	5" Ext.	612JX	3/8" 6 Pt. Deep Skt.
312X	3/8" 6 Pt. Skt.	614JX	7/16" 6 Pt. Deep Skt.
314X	7/16" 6 Pt. Skt.	616J	1/2" 12 Pt. Deep Skt.
316	1/2" 12 Pt. Skt.	618J	9/16" 12 Pt. Deep Skt.
318	9/16" 12 Pt. Skt.	622J	11/16" 12 Pt. Deep Skt.
320	5/8" 12 Pt. Skt.	624J	3/4" 12 Pt. Deep Skt.
322	11/16" 12 Pt. Skt.	620JR	5/8" Spkplg. Skt.
324	3/4" 12 Pt. Skt.		

Black enamel metal box 17-5/8" x 4-3/8" x 1-5/8"
STD. PKG. 1 WEIGHT 5.40 LBS.





SET NO. 11013 13 PC. 3/8" DRIVE SOCKET SET

A popular 13 piece 3/8" drive socket set featuring the easy to carry blow molded handled tool box. Great set for home, car or boat.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
53J	5" Ext.	318	9/16" 12 Pt. Skt.
77JC	3/8" Ratchet	320	5/8" 12 Pt. Skt.
620JR	5/8" 6 Pt. Spkplg. Skt.	322	11/16" 12 Pt. Skt.
312X	3/8" 6 Pt. Skt.	324	3/4" 12 Pt. Skt.
314X	7/16" 6 Pt. Skt.	326	13/16" 12 Pt. Skt.
316	1/2" 12 Pt. Skt.	328	7/8" 12 Pt. Skt.

Black blow molded box with handle 12" x 5-1/4" x 1-3/4"
STD. PKG. 1 WEIGHT 2.23 LBS.



SET NO. 3808-U 3/8" DRIVE UNIVERSAL SOCKET SET

Universal socket set — 8 pieces. 7 popular size universal sockets — each with full 120° swing.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
412JX	3/8" 6 Pt. Univ. Skt.	420J	5/8" 12 Pt. Univ. Skt.
414JX	7/16" 6 Pt. Univ. Skt.	422J	11/16" 12 Pt. Univ. Skt.
416J	1/2" 12 Pt. Univ. Skt.	424J	3/4" 12 Pt. Univ. Skt.
418J	9/16" 12 Pt. Univ. Skt.		

Black enamel metal box 6" x 2" x 1"
STD. PKG. 1 WEIGHT 1.40 LBS.



SET NO. 3807 7 PC. HEX BIT SOCKET SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
HK-5	5/32" Hex Bit Skt.	HK-8	1/4" Hex Bit Skt.
HK-6	3/16" Hex Bit Skt.	HK-10	5/16" Hex Bit Skt.
HK-7	7/32" Hex Bit Skt.		

Black enamel metal box 6-3/16" x 2-3/16" x 1-3/16"
STD. PKG. 1 WEIGHT 1.50 LBS.



SET NO. 3809DP 9 PC. 3/8" DEEP SOCKET SET

A nine piece deep socket set. Thin wall set includes the most popular sizes; 3/8" - 13/16".

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
612JX	3/8" 6 Pt. Deep Skt.	620J	5/8" 12 Pt. Deep Skt.
614JX	7/16" 6 Pt. Deep Skt.	622J	11/16" 12 Pt. Deep Skt.
616J	1/2" 12 Pt. Deep Skt.	624J	3/4" 12 Pt. Deep Skt.
618J	9/16" 12 Pt. Deep Skt.	626J	13/16" 12 Pt. Deep Skt.

Black enamel metal box 8-3/4" x 3" x 2"
STD. PKG. 1 WEIGHT 2.40 LBS.



SET NO. 3826 26 PC. 3/8" DRIVE SOCKET SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
77JC	Reversible Ratchet	318	9/16" 12 Pt. Skt.	614JX	7/16" Deep 6 Pt. Skt.
51J	2-5/8" Ext.	320	5/8" 12 Pt. Skt.	616J	1/2" Deep 12 Pt. Skt.
308X	1/4" 6 Pt. Skt.	322	11/16" 12 Pt. Skt.	618J	9/16" Deep 12 Pt. Skt.
310X	5/16" 6 Pt. Skt.	324	3/4" 12 Pt. Skt.	7 pc.	Hex Key Set
312X	3/8" 6 Pt. Skt.	Spin Disc		064	1/4" X 4" Cab Scrwdr.
314X	7/16" 6 Pt. Skt.	620JR	5/8" Spkplg. Skt.	013P	No. 1 Recessed Scrwdr.
316	1/2" 12 Pt. Skt.				

Black enamel metal box 17-5/8" x 4-3/8" x 1-5/8"
STD. PKG. 1 WEIGHT 4.70 LBS.



SET NO. 3835 35 PC. 3/8" DRIVE SOCKET SET

Thorsen 3/8" Drive Master Set — 35 piece set contains 7 attachments plus popular range of universal sockets, regular sockets and deep sockets! — Automotive, Farm, Home — jobs made easy with this popular set.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
12J	Flexhandle	322	11/16" 12 Pt. Skt.	422J	11/16" 12 Pt. Univ. Skt.
33J	Univ. Joint	324	3/4" 12 Pt. Skt.	424J	3/4" 12 Pt. Univ. Skt.
51J	2-5/8" Extension	326	13/16" 12 Pt. Skt.	612JX	3/8" 6 Pt. Deep Skt.
53J	5" Ext.	328	7/8" 12 Pt. Skt.	614JX	7/16" 6 Pt. Deep Skt.
57J	10" Ext.	330	15/16" 12 Pt. Skt.	616J	1/2" 12 Pt. Deep Skt.
62J	16" Speeder	332	1" 12 Pt. Skt.	618J	9/16" 12 Pt. Deep Skt.
77JC	Rev. Ratchet	412JX	3/8" 6 Pt. Univ. Skt.	620J	5/8" 12 Pt. Deep Skt.
312X	3/8" 6 Pt. Skt.	414JX	7/16" 6 Pt. Univ. Skt.	622J	11/16" 12 Pt. Deep Skt.
314X	7/16" 6 Pt. Skt.	416J	1/2" 12 Pt. Univ. Skt.	624J	3/4" 12 Pt. Deep Skt.
316	1/2" 12 Pt. Skt.	418J	9/16" 12 Pt. Univ. Skt.	626J	13/16" 12 Pt. Deep Skt.
318	9/16" 12 Pt. Skt.	420J	5/8" 12 Pt. Univ. Skt.	626JR	13/16" Spkplg. Skt.
320	5/8" 12 Pt. Skt.				

Black enamel metal box
STD. PKG. 1 WEIGHT 8.50 LBS.

METRIC SET NO. CS-14 14 PC. 3/8" DRIVE METRIC SOCKET CLIP SET

A 14 piece clip of metric sockets for those who already have the necessary 3/8" drive attachments.



PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
7MM	7MM 6 Pt. Skt.	14MM	14MM 6 Pt. Skt.
8MM	8MM 6 Pt. Skt.	15MM	15MM 6 Pt. Skt.
9MM	9MM 6 Pt. Skt.	16MM	16MM 6 Pt. Skt.
10MM	10MM 6 Pt. Skt.	17MM	17MM 6 Pt. Skt.
11MM	11MM 6 Pt. Skt.	18MM	18MM 6 Pt. Skt.
12MM	12MM 6 Pt. Skt.	19MM	19MM 6 Pt. Skt.
13MM	13MM 6 Pt. Skt.		

Metal clip tray
STD. PKG. 1 WEIGHT 1.34 LBS.

METRIC SET NO. M-3813 13 PC. 3/8" DRIVE METRIC SOCKET SET



PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
53J	5" Ext.	11MM	11MM 6 Pt. Skt.
77JC	Rev. Ratchet	12MM	12MM 6 Pt. Skt.
7MM	7MM 6 Pt. Skt.	13MM	13MM 6 Pt. Skt.
8MM	8MM 6 Pt. Skt.	14MM	14MM 6 Pt. Skt.
9MM	9MM 6 Pt. Skt.	17MM	17MM 6 Pt. Skt.
10MM	10MM 6 Pt. Skt.	19MM	19MM 6 Pt. Skt.

Black enamel metal box 8-3/4" x 3" x 2"
STD. PKG. 1 WEIGHT 4.00 LBS.

METRIC SET NO. M-3816 16 PC. 3/8" DRIVE METRIC SOCKET SET

A metric socket set including a full range of metric sockets plus 3/8" drive ratchet and 5" extension.



PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
53J	5" Ext.	13MM	13MM 6 Pt. Skt.
77JC	Rev. Ratchet	14MM	14MM 6 Pt. Skt.
7MM	7MM 6 Pt. Skt.	15MM	15MM 6 Pt. Skt.
8MM	8MM 6 Pt. Skt.	16MM	16MM 6 Pt. Skt.
9MM	9MM 6 Pt. Skt.	17MM	17MM 6 Pt. Skt.
10MM	10MM 6 Pt. Skt.	18MM	18MM 6 Pt. Skt.
11MM	11MM 6 Pt. Skt.	19MM	19MM 6 Pt. Skt.
12MM	12MM 6 Pt. Skt.		

Black enamel metal box 11" x 3" x 1-1/2"
STD. PKG. 1 WEIGHT 4.62 LBS.

SET NO. M3814 20 PC. 3/8" DRIVE METRIC SOCKET SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
51J	2-5/8" Ext.	17MM	17MM 6 Pt. Socket
53J	5" Ext.	19MM	19MM 6 Pt. Socket
77JC	Rev. Ratchet	21511	11MM 6 Pt. Deep Socket
8MM	8MM 6 Pt. Socket	21512	12MM 6 Pt. Deep Socket
10MM	10MM 6 Pt. Socket	21513	13MM 6 Pt. Deep Socket
11MM	11MM 6 Pt. Socket	21614	14MM 12 Pt. Deep Skt.
12MM	12MM 6 Pt. Socket	21617	17MM 12 Pt. Deep Skt.
13MM	13MM 6 Pt. Socket	21619	19MM 12 Pt. Deep Skt.
14MM	14MM 6 Pt. Socket	626JR	13/16" 6 Pt. Spkplg. Skt.
15MM	15MM 6 Pt. Socket		

Black enamel metal box 17-5/8" x 4-3/8" x 1-5/8"
STD. PKG. 1 WEIGHT 5.54 LBS.

METRIC



SET NO. 21013 13 PC. 3/8" DRIVE METRIC SOCKET SET

A popular 13 piece 1/2" Drive Metric Tool Set featuring the most commonly used sockets and attachments. All tools come in easy to carry blow molded handled box.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
53J	5" Ext.	12MM	12MM 6 Pt. Skt.
77JC	3/8" Ratchet	13MM	13MM 6 Pt. Skt.
626JR	13/16" 6 Pt. Spkplg. Skt.	14MM	14MM 6 Pt. Skt.
8MM	8MM 6 Pt. Skt.	15MM	15MM 6 Pt. Skt.
10MM	10MM 6 Pt. Skt.	17MM	17MM 6 Pt. Skt.
11MM	11MM 6 Pt. Skt.	19MM	19MM 6 Pt. Skt.

Black blow molded box 12" x 5" x 1-7/8"
STD. PKG. 1 WEIGHT 2.12 LBS.

METRIC



1/2" DRIVE TOOLS

THORSEN TOOL

1/2" DRIVE
TOOLS



REVERSIBLE RATCHETS

A precision, closed head ratchet. Knurled handle for non-slip grip.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
77C	10-1/2"	6	1.40 lbs.
77NR	14"	6	1.70 lbs.
RK1/2	Ratchet Renewal Kit	1	.20 lbs.

EJECTOR RATCHET

Thorsen's new "Positive Eject" Ratchet. Pushing turn knob easily pushes socket off square. Patented and patent pending (Available 1979).

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
89	10-1/2"	6	1.45 lbs.

EXTENSIONS

Attachment for use in reaching fasteners that are not readily accessible.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
51	2"	6	.25 lbs.
53	5"	6	.41 lbs.
57	10"	6	.65 lbs.

FLEXHANDLES

The proper tool for applying extra leverage to tighten or break loose fasteners.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
13	9"	6	1.18 lbs.
16	17-1/2"	6	1.60 lbs.

SPEEDER HANDLE

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
62	17-1/2"	3	1.45 lbs.

T-HANDLE

Head slides full length of bar.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
42	11"	6	1.00 lbs.

UNIVERSAL JOINT

Attachment used to facilitate work in hard to reach areas. Spring loaded friction holds head at desired angle.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
33	2-5/16"	6	.25 lbs.

ADAPTORS

Will allow use of 1/2" drive with either 3/8" or 3/4" attachments or sockets.

PART NO.	SIZE	STD. PKG.	WEIGHT EA.
94	1/2Fx3/8M	6	.15 lbs.
95	1/2Fx3/4M	6	.30 lbs.

STUD REMOVER

Remover will remove or install 1/4" to 3/4" studs. Drive socket extends through entire housing. Easy to disassemble.

PART NO.	SIZE	STD. PKG.	WEIGHT EA.
52SR	1/2" drive	1	.70 lbs.

6 POINT 1/2" DRIVE SOCKETS

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
512X	3/8"	2"	6	.13 lbs.
514X	7/16"	2"	6	.13 lbs.
516X	1/2"	2"	6	.13 lbs.
518X	9/16"	2"	6	.13 lbs.
520X	5/8"	2-1/4"	6	.13 lbs.
522X	11/16"	2-1/4"	6	.16 lbs.
524X	3/4"	2-1/4"	6	.19 lbs.

12 POINT REGULAR SOCKETS

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
512	3/8"	2"	6	.13 lbs.
514	7/16"	2"	6	.13 lbs.
516	1/2"	2"	6	.13 lbs.
518	9/16"	2"	6	.13 lbs.
519	19/32"	2"	6	.13 lbs.
520	5/8"	2-1/4"	6	.13 lbs.
521	21/32"	2-1/4"	6	.13 lbs.
522	11/16"	2-1/4"	6	.16 lbs.
524	3/4"	2-1/4"	6	.19 lbs.
525	25/32"	2-1/4"	6	.19 lbs.
526	13/16"	2-1/2"	6	.22 lbs.
528	7/8"	2-1/2"	6	.25 lbs.
530	15/16"	2-1/2"	6	.38 lbs.
532	1"	2-1/2"	6	.28 lbs.
534	1-1/16"	2-1/2"	6	.44 lbs.
536	1-1/8"	2-1/2"	6	.50 lbs.
538	1-3/16"	2-1/2"	6	.50 lbs.
540	1-1/4"	2-1/2"	6	.62 lbs.

12 POINT DEEP SOCKETS

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
614	7/16"	2"	6	.09 lbs.
616	1/2"	2"	6	.13 lbs.
618	9/16"	2"	6	.16 lbs.
620	5/8"	2-1/4"	6	.22 lbs.
622	11/16"	2-1/4"	6	.22 lbs.
624	3/4"	2-1/4"	6	.28 lbs.
626	13/16"	2-1/2"	6	.34 lbs.
628	7/8"	2-1/2"	6	.50 lbs.
630	15/16"	2-1/2"	3	.56 lbs.
632	1"	2-1/2"	3	.62 lbs.
634	1-1/16"	2-1/2"	3	.72 lbs.
636	1-1/8"	2-1/2"	3	.81 lbs.

SPARKPLUG SOCKETS

Outside hex and female square. Can be turned with any hand wrench or ratchet. Neoprene insert protects porcelain on plug. Holds plug for easy removal and prevents burned fingers.

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
620R	5/8"	2-1/2"	6	.27 lbs.
626R	13/16"	2-1/2"	6	.33 lbs.

Special long length sparkplug sockets without neoprene insert.

626GSS	13/16"	3-3/8"	6	.40 lbs.
628GSS	7/8"	3-5/8"	6	.40 lbs.

Note: 13/16" for 14mm sparkplugs
7/8" for 18mm sparkplugs

DRAGLINK SOCKETS

For adjusting draglinks or use as a heavy duty screwdriver with slotted nuts or screws.

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
576	15/16" wide	2"	6	.19 lbs.



1/2" DRIVE SETS

THORSEN TOOL

1/2" DRIVE
SETS

IMPACT 6 POINT IMPACT SOCKETS



PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
5114H	7/16"	1-1/2"	6	.15 lbs.
5116H	1/2"	1-1/2"	6	.15 lbs.
5118H	9/16"	1-1/2"	6	.15 lbs.
5120H	5/8"	1-1/2"	6	.15 lbs.
5122H	11/16"	1-1/2"	6	.15 lbs.
5124H	3/4"	1-1/2"	6	.15 lbs.
5126H	13/16"	1-1/2"	6	.19 lbs.
5128H	7/8"	1-1/2"	6	.19 lbs.

METRIC 12 POINT METRIC REGULAR SOCKETS



PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
509M	9MM	2"	6	.13 lbs.
510M	10MM	2"	6	.13 lbs.
511M	11MM	2"	6	.13 lbs.
512M	12MM	2"	6	.13 lbs.
513M	13MM	2"	6	.13 lbs.
514M	14MM	2"	6	.13 lbs.
515M	15MM	2"	6	.13 lbs.
517M	17MM	2"	6	.13 lbs.
519M	19MM	2"	6	.13 lbs.
522M	22MM	2-1/4"	6	.13 lbs.
524M	24MM	2-1/4"	6	.16 lbs.
527M	27MM	2-1/2"	6	.19 lbs.
530M	30MM	2-1/2"	6	.38 lbs.
532M	32MM	2-1/2"	6	.28 lbs.
536M	36MM	2-1/2"	6	.50 lbs.

1/2" DRIVE SETS



SET NO. 1210DP 10 PC. 1/2" DRIVE SET

Full popular range of 1/2" deep sockets. 10 piece set, sizes 1/2" through 1". A must for auto, tractor and industrial work.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
616	1/2" 12 Pt. Deep Skt.	626	13/16" 12 Pt. Deep Skt.
618	9/16" 12 Pt. Deep Skt.	628	7/8" 12 Pt. Deep Skt.
620	5/8" 12 Pt. Deep Skt.	630	15/16" 12 Pt. Deep Skt.
622	11/16" 12 Pt. Deep Skt.	632	1" 12 Pt. Deep Skt.
624	3/4" 12 Pt. Deep Skt.		

Black enamel metal box
STD. PKG. 1 WEIGHT: 5.30 LBS.



SET NO. 1212 12 PC. 1/2" DRIVE SET

A basic 1/2" drive set for the economy minded. Ten sockets plus 18" flexhandle. Perfect for occasional work — an excellent starter set.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
16	Flexhandle	524	3/4" 12 Pt. Skt.
514	7/16" 12 Pt. Skt.	526	13/16" 12 Pt. Skt.
516	1/2" 12 Pt. Skt.	528	7/8" 12 Pt. Skt.
518	9/16" 12 Pt. Skt.	530	15/16" 12 Pt. Skt.
520	5/8" 12 Pt. Skt.	532	1" 12 Pt. Skt.
522	11/16" 12 Pt. Skt.		

Black enamel metal box 16-1/4" x 3-1/2" x 1-3/4"
STD. PKG. 1 WEIGHT: 4.96 LBS.

SET NO. 1214 14 PC. 1/2" DRIVE SOCKET SET

A 14 piece set containing 10 regular sockets, ratchet, 5" extension. Socket range of 7/16" through 1" plus sparkplug socket.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
53	5" Ext.	524	3/4" 12 Pt. Skt.
77C	Rev. Ratchet	526	13/16" 12 Pt. Skt.
514	7/16" 12 Pt. Skt.	528	7/8" 12 Pt. Skt.
516	1/2" 12 Pt. Skt.	530	15/16" 12 Pt. Skt.
518	9/16" 12 Pt. Skt.	532	1" 12 Pt. Skt.
520	5/8" 12 Pt. Skt.	626R	13/16" 6 Pt. Spkplg. Skt.
522	11/16" 12 Pt. Skt.		

Black enamel metal box 11-3/4" x 4" x 1-3/4"
STD. PKG. 1 WEIGHT: 5.60 LBS.



SET NO. 12014 14 PC. 1/2" DRIVE SOCKET SET

A 14 piece set containing 10 regular sockets, ratchet, 5" extension. Socket range of 7/16" through 1" plus sparkplug socket.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
53	5" Ext.	524	3/4" 12 Pt. Skt.
77C	Rev. Ratchet	526	13/16" 12 Pt. Skt.
514	7/16" 12 Pt. Skt.	528	7/8" 12 Pt. Skt.
516	1/2" 12 Pt. Skt.	530	15/16" 12 Pt. Skt.
518	9/16" 12 Pt. Skt.	532	1" 12 Pt. Skt.
520	5/8" 12 Pt. Skt.	626R	13/16" 6 Pt. Spkplg. Skt.
522	11/16" 12 Pt. Skt.		

Black blow molded box 12-3/4" x 5-1/4" x 2"
STD. PKG. 1 WEIGHT 3.40 LBS.



SET NO. 1215 15 PC. 1/2" DRIVE SOCKET SET

An intermediate 15 piece set including twelve sockets, ratchet and 18" flexhandle. Socket range of 7/16" to 1-1/8" covers most automotive sizes. An excellent basic set. Attachments can be added.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
16	Flexhandle	524	3/4" 12 Pt. Skt.
77C	Rev. Ratchet	526	13/16" 12 Pt. Skt.
514	7/16" 12 Pt. Skt.	528	7/8" 12 Pt. Skt.
516	1/2" 12 Pt. Skt.	530	15/16" 12 Pt. Skt.
518	9/16" 12 Pt. Skt.	532	1" 12 Pt. Skt.
520	5/8" 12 Pt. Skt.	534	1-1/16" 12 Pt. Skt.
522	11/16" 12 Pt. Skt.	536	1-1/8" 12 Pt. Skt.

Black enamel metal box 18" x 3-3/4" x 2"
STD. PKG. 1 WEIGHT: 8.54 LBS.





SET NO. 1218 18 PC. 1/2" DRIVE SOCKET SET

An 18 piece general purpose set containing twelve sockets through 1-1/8" plus five basic 1/2" drive attachments. The homeowner's favorite, this set fills the need for most general household use. Excellent as a mechanic's starter set.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
16	Flexhandle	522	11/16" 12 Pt. Skt.
33	Univ. Joint	524	3/4" 12 Pt. Skt.
53	5" Ext.	526	13/16" 12 Pt. Skt.
57	10" Ext.	528	7/8" 12 Pt. Skt.
77C	Rev. Ratchet	530	15/16" 12 Pt. Skt.
514	7/16" 12 Pt. Skt.	532	1" 12 Pt. Skt.
516	1/2" 12 Pt. Skt.	534	1-1/16" 12 Pt. Skt.
518	9/16" 12 Pt. Skt.	536	1-1/8" 12 Pt. Skt.
520	5/8" 12 Pt. Skt.		

Black enamel metal box 19" x 6" x 1-3/4"
STD. PKG. 1 WEIGHT: 10.88 LBS.

SET NO. 1223 25 PC. 1/2" DRIVE SOCKET SET

The ultimate in 1/2" drive sets, this larger set comes in a hip roof box with removable tote tray. Thirteen sockets through 1-1/4" plus seven attachments and 6 combination wrenches to make this excellent for automotive, farm or heavy household work. Ample box space to add other tools.



PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
77C	Rev. Ratchet	524	3/4" 12 Pt. Skt.
16	Flexhandle	526	13/16" 12 Pt. Skt.
33	Univ. Joint	528	7/8" 12 Pt. Skt.
53	5" Ext.	530	15/16" 12 Pt. Skt.
57	10" Ext.	532	1" 12 Pt. Skt.
514	7/16" 12 Pt. Skt.	534	1-1/16" 12 Pt. Skt.
516	1/2" 12 Pt. Skt.	536	1-1/8" 12 Pt. Skt.
518	9/16" 12 Pt. Skt.	540	1-1/4" 12 Pt. Skt.
520	5/8" 12 Pt. Skt.	PC6	6 Pc. Comb. Wr. Set
522	11/16" 12 Pt. Skt.		

Black enamel metal box 19" x 7" x 7"
STD. PKG. 1 WEIGHT: 20.32 LBS.

IMPACT

SET NO. 5108 8 PC. 1/2" DRIVE IMPACT SOCKET SET



PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
5114H	7/16" 6 Pt. Skt.	5122H	11/16" 6 Pt. Skt.
5116H	1/2" 6 Pt. Skt.	5124H	3/4" 6 Pt. Skt.
5118H	9/16" 6 Pt. Skt.	5126H	13/16" 6 Pt. Skt.
5120H	5/8" 6 Pt. Skt.	5128H	7/8" 6 Pt. Skt.

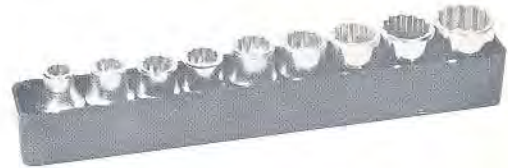
Molded clip tray
STD. PKG. 1 WEIGHT 1.98 LBS.

SET NO. CS-912 9 PC. 1/2" DRIVE METRIC SOCKET CLIP SET

METRIC

PART NO.	SIZE & DESCRIPTION.	PART NO.	SIZE & DESCRIPTION
509M	9MM 12 Pt. Skt.	515M	15MM 12 Pt. Skt.
510M	10MM 12 Pt. Skt.	517M	17MM 12 Pt. Skt.
512M	12MM 12 Pt. Skt.	519M	19MM 12 Pt. Skt.
513M	13MM 12 Pt. Skt.	522M	22MM 12 Pt. Skt.
514M	14MM 12 Pt. Skt.		

Molded clip tray
STD. PKG. 1 WEIGHT 1.54 LBS.



SET NO. M-1213 13 PC. 1/2" DRIVE METRIC SOCKET SET

METRIC

An intermediate metric socket set with the essential socket range of 1/2" drive metric sockets including reversible ratchet, 5" extension, and sparkplug socket.

PART NO.	SIZE & DESCRIPTION.	PART NO.	SIZE & DESCRIPTION
53	5" Ext	513M	13MM 12 Pt. Skt.
77C	Rev. Ratchet	514M	14MM 12 Pt. Skt.
626R	13/16" 6 Pt. Spkplg. Skt.	515M	15MM 12 Pt. Skt.
509M	9MM 12 Pt. Skt.	517M	17MM 12 Pt. Skt.
510M	10MM 12 Pt. Skt.	519M	19MM 12 Pt. Skt.
512M	12MM 12 Pt. Skt.	522M	22MM 12 Pt. Skt.

Black enamel metal box 11-3/4" x 4" x 1-3/4"
STD. PKG. 1 WEIGHT 5.30 LBS.



SET NO. M1218 18 PC. 1/2" DRIVE METRIC SOCKET SET

METRIC

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
77C	Rev. Ratchet	513M	13MM 12 Pt. Skt.
33	Universal Joint	514M	14MM 12 Pt. Skt.
16	Flexhandle	515M	15MM 12 Pt. Skt.
53	5" Ext	517M	17MM 12 Pt. Skt.
57	10" Ext	519M	19MM 12 Pt. Skt.
509M	9MM 12 Pt. Skt.	522M	22MM 12 Pt. Skt.
510M	10MM 12 Pt. Skt.	524M	24MM 12 Pt. Skt.
511M	11MM 12 Pt. Skt.	527M	27MM 12 Pt. Skt.
512M	12MM 12 Pt. Skt.		

Black enamel metal box 19" x 6" x 1-3/4"
STD. PKG. 1 WEIGHT 10.50 LBS.





REVERSIBLE RATCHET — HEAVY DUTY

Heavy Duty precision ratchet for Farm, Industrial and Automotive applications.

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
79	19"	1	4.50 lbs.
RK34	Ratchet Renewal Kit	1	.80 lbs.



EXTENSIONS — HEAVY DUTY

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
15X	4"	1	.94 lbs.
16X	8"	1	1.30 lbs.
20X	16"	1	2.30 lbs.



FLEXHANDLE — HEAVY DUTY

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
18	19"	1	3.80 lbs.



T-HANDLE — HEAVY DUTY

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
19	18"	1	3.00 lbs.



UNIVERSAL JOINT — HEAVY DUTY

PART NO.	LENGTH	STD. PKG.	WEIGHT EA.
33HD	3-11/16"	1	1.30 lbs.



ADAPTOR — HEAVY DUTY

Adapts 3/4" drives to 1/2" attachments and sockets.

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
98D	3/4F-1/2"M	2"	1	.42 lbs.



12 POINT REGULAR SOCKETS

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
1228	7/8"	2"	1	.39 lbs.
1230	15/16"	2"	1	.39 lbs.
1232	1"	2"	1	.44 lbs.
1234	1-1/16"	2"	1	.53 lbs.
1236	1-1/8"	2-1/4"	1	.59 lbs.
1238	1-3/16"	2-1/4"	1	.60 lbs.
1240	1-1/4"	2-1/4"	1	.84 lbs.
1242	1-5/16"	2-1/4"	1	1.00 lbs.
1244	1-3/8"	2-3/8"	1	1.00 lbs.
1246	1-7/16"	2-1/2"	1	1.30 lbs.
1248	1-1/2"	2-1/2"	1	1.30 lbs.
1250	1-9/16"	2-1/2"	1	1.30 lbs.
1252	1-5/8"	2-1/2"	1	1.60 lbs.
1254	1-11/16"	2-1/2"	1	1.70 lbs.
1256	1-3/4"	2-3/4"	1	1.60 lbs.
1258	1-13/16"	2-3/4"	1	1.90 lbs.
1260	1-7/8"	2-3/4"	1	1.90 lbs.
1264	2"	3"	1	2.20 lbs.

SET NO. 3409 9 PC. 3/4" DRIVE SOCKET SET

An excellent 3/4" drive socket set for small jobs. Easy to carry tool tray with quick release hasp that holds 3/4" Drive Ratchet.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1236	1-1/8" 12 Pt. Skt.	1246	1-7/16" 12 Pt. Skt.
1240	1-1/4" 12 Pt. Skt.	1248	1-1/2" 12 Pt. Skt.
1242	1-5/16" 12 Pt. Skt.	1252	1-5/8" 12 Pt. Skt.
1244	1-3/8" 12 Pt. Skt.	79C	Rev. Ratchet

Black enamel metal clip
STD. PKG. 1 WEIGHT 13.6 LBS.



SET NO. 3411 11 PC. 3/4" DRIVE SOCKET SET

A basic 3/4" drive — sockets 1-1/16" through 1-5/8" plus ratchet, and extension. For light truck, farm tractor and industrial work.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
16X	8" Ext	1242	1-5/16" 12 Pt. Skt.
79C	Rev. Ratchet	1244	1-3/8" 12 Pt. Skt.
1234	1-1/16" 12 Pt. Skt.	1246	1-7/16" 12 Pt. Skt.
1236	1-1/8" 12 Pt. Skt.	1248	1-1/2" 12 Pt. Skt.
1240	1-1/4" 12 Pt. Skt.	1252	1-5/8" 12 Pt. Skt.

Black enamel metal box 18-1/2" x 2-1/4" x 4-1/4"
STD. PKG. 1 WEIGHT 22.40 LBS.



SET NO. 3413 13 PC. 3/4" DRIVE SOCKET SET

A general purpose set consisting of 13 pieces, featuring 10, 3/4" drive sockets, sliding-T and 8" extension.

PART NO.	SIZE & DESCRIPTION.	PART NO.	SIZE & DESCRIPTION
1228	7/8" 12 Pt. Skt.	1244	1-3/8" 12 Pt. Skt.
1230	15/16" 12 Pt. Skt.	1246	1-7/16" 12 Pt. Skt.
1234	1-1/16" 12 Pt. Skt.	1248	1-1/2" 12 Pt. Skt.
1236	1-1/8" 12 Pt. Skt.	1252	1-5/8" 12 Pt. Skt.
1240	1-1/4" 12 Pt. Skt.	19	Sliding — T
1242	1-5/16" 12 Pt. Skt.	16X	8" Extension

Black enamel metal box 21-1/4" x 6" x 3-1/4"
STD. PKG. 1 WEIGHT





SET NO. 3417 17 PC. 3/4" DRIVE SOCKET SET

A 17 piece intermediate set in a hip roof box with removable tote tray. Thirteen sockets — 1-1/16" through 2" — serve most general purpose requirements of the heavy duty industrial, heavy automotive or farm mechanics.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
16X	8" Ext.	1240	1-1/4" 12 Pt. Skt.	1252	1-5/8" 12 Pt. Skt.
18	Flexhandle	1242	1-5/16" 12 Pt. Skt.	1256	1-3/4" 12 Pt. Skt.
79C	Rev. Ratchet	1244	1-3/8" 12 Pt. Skt.	1258	1-13/16" 12 Pt. Skt.
1234	1-1/16" 12 Pt. Skt.	1246	1-7/16" 12 Pt. Skt.	1260	1-7/8" 12 Pt. Skt.
1236	1-1/8" 12 Pt. Skt.	1248	1-1/2" 12 Pt. Skt.	1264	2" 12 Pt. Skt.
1238	1-3/16" 12 Pt. Skt.				

Black enamel metal box
STD. PKG. 1 WEIGHT 36.41 LBS.



SET NO. 3424 24 PC. 3/4" DRIVE SOCKET SET

The complete full range 3/4" drive set specifically designed to meet the needs of all heavy duty mechanics. Sockets range from 7/8" through 2", a range covering most frequent rail, oilfield, farm and industrial requirements. Hip roof box with carrying handle, metal hasps and lift-out tote tray make this set the most popular of Thorsen's 3/4" drive sets.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
15X	3" Ext.	1234	1-1/16" 12 Pt. Skt.	1250	1-9/16" 12 Pt. Skt.
16X	8" Ext.	1236	1-1/8" 12 Pt. Skt.	1252	1-5/8" 12 Pt. Skt.
20X	16" Ext.	1238	1-3/16" 12 Pt. Skt.	1254	1-11/16" 12 Pt. Skt.
19	Sliding T	1240	1-1/4" 12 Pt. Skt.	1256	1-3/4" 12 Pt. Skt.
79C	Reversible Ratchet	1242	1-5/16" 12 Pt. Skt.	1258	1-13/16" 12 Pt. Skt.
1228	7/8" 12 Pt. Skt.	1244	1-3/8" 12 Pt. Skt.	1260	1-7/8" 12 Pt. Skt.
1230	15/16" 12 Pt. Skt.	1246	1-7/16" 12 Pt. Skt.	1264	2" 12 Pt. Skt.
1232	1" 12 Pt. Skt.	1248	1-1/2" 12 Pt. Skt.		

Black enamel metal box 20-1/4" x 9-1/4" x 9-1/4"
STD. PKG. 1 WEIGHT 53.50 LBS.

SET NO. 4019

1/4" — 3/8" DRIVE 19 PIECE COMBINATION SET

Ideal 19 piece 1/4" and 3/8" drive combination socket set — will serve most general purpose requirements through 3/4".

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1/4" DRIVE		90	3/8" F-1/4" M Adaptor
80M	Spinner Handle	77JC	Rev. Ratchet
6M	3/16" 6 Pt. Skt.	312X	3/8 6 Pt. Skt.
7M	7/32" 6 Pt. Skt.	314X	7/16" 6 Pt. Skt.
8M	1/4" 6 Pt. Skt.	316	1/2" 12 Pt. Skt.
9M	9/32" 6 Pt. Skt.	318	9/16" 12 Pt. Skt.
10M	5/16" 6 Pt. Skt.	320	5/8" 12 Pt. Skt.
11M	11/32" 6 Pt. Skt.	322	11/16" 12 Pt. Skt.
3/8" DRIVE		324	3/4" 12 Pt. Skt.
53J	5" Ext	626JR	13/16" 6 Pt. Spkplg. Skt.

Black enamel metal box 9-1/2" x 4" x 1-1/2"
STD. PKG. 1 WEIGHT 3.50 LBS.



SET NO. 13719

1/4" — 3/8" DRIVE 19 PIECE COMBINATION SET

A popular 1/4" and 3/8" drive combination socket set featuring the blow molded handled tool box.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1/4" DRIVE		312X	3/8" 6 Pt. Skt.
6M	3/16" 6 Pt. Skt.	314X	7/16" 6 Pt. Skt.
7M	7/32" 6 Pt. Skt.	316	1/2" 12 Pt. Skt.
8M	1/4" 6 Pt. Skt.	318	9/16" 12 Pt. Skt.
9M	9/32" 6 Pt. Skt.	320	5/8" 12 Pt. Skt.
10M	5/16" 6 Pt. Skt.	322	11/16" 12 Pt. Skt.
11M	11/32" 6 Pt. Skt.	324	3/4" 12 Pt. Skt.
80M	Spinner Handle	620JR	5/8" 6 Pt. Spkplg. Skt.
3/8" DRIVE		77JC	Rev. Ratchet
90	3/8" F — 1/4" M Adaptor	51J	2-5/8" Ext

Black blow molded box 12" x 5" x 1-3/4"
STD. PKG. 1 WEIGHT 2.29 LBS.



SET NO. M4019

19 PC. 1/4"-3/8" DRIVE METRIC COMBINATION SOCKET SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1/4" DRIVE		53J	5" Ext.
80M	Spinner Handle	90	3/8" F-1/4" M Adapter
20204	4MM 6 Pt. Skt.	10MM	10MM 6 Pt. Skt.
20205	5MM 6 Pt. Skt.	11MM	11MM 6 Pt. Skt.
20206	6MM 6 Pt. Skt.	12MM	12MM 6 Pt. Skt.
20207	7MM 6 Pt. Skt.	13MM	13MM 6 Pt. Skt.
20208	8MM 6 Pt. Skt.	14MM	14MM 6 Pt. Skt.
20209	9MM 6 Pt. Skt.	17MM	17MM 6 Pt. Skt.
3/8" DRIVE		19MM	19MM 6 Pt. Skt.
77JC	Rev. Ratchet	626JR	13/16" Spkplg. Skt.

Black enamel box 9-1/4" x 4" x 1-3/4"
STD. PKG. 1 WEIGHT 2.30 LBS.

METRIC





SET NO. 7651

54-Piece mechanics tool set consisting of 1/4", 3/8", 1/2" Drive combination socket sets and many other tools to fit your special needs.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1/4" DRIVE SOCKETS & ATTACHMENTS			
77MC	1/4" Dr. Closed Head Ratchet	626JR	3/8" Dr. 13/16" 6 Pt. Spkplg. Skt.
53M	1/4" Dr. 6" Ext	57J	3/8" Dr. 10" Ext
80M	1/4" Dr. Spinner Handle	316 to 324	12 Pt. Sockets 1/2" to 3/4", 5 pcs.
6M to 14M	6 Pt. Sockets 3/16" to 7/16", 7 pcs.	77JC	3/8" Dr. 7-1/2" Closed Head Ratchet
8MS to 12MS	8 Pt. Sockets 1/4" to 3/8", 3 pcs.	53J	3/8" Dr. 5" Ext
3/8" DRIVE SOCKETS & ATTACHMENTS			
90	3/8" Dr. F to 1/4" M Adaptor	4800-2	3/8" Dr. Spin Disc.
51J	3/8" Dr. 2-5/8" Ext	1/2" DRIVE SOCKETS & ATTACHMENTS	
12J	3/8" Dr. 7-1/2" Flex Handle	77C	1/2" Dr. 10" Closed Head Ratchet
12JCB	3/8" Dr. Flex Handle Crossbar	16	1/2" Dr. 18" Flex Handle
62J	3/8" Dr. 16" Speeder Handle	514 to 540	12 Pt. Sockets 7/16" to 1-1/4"
616J to 624J	12 Pt. Deep Sockets 1/2" to 3/4", 5 pcs.	33	1/2" Dr. Universal Joint
		57	1/2" Dr. 10" Ext
		4800-3	1/2" Dr. Spin Disc

Metal tool box with tote tray 19" x 6-3/4" x 7"
STD. PKG. 1 WEIGHT 19.50 LBS.



SET NO. 4053 1/4"-3/8"-1/2" DRIVE 53 PC. COMBINATION SET

This all-purpose combination set includes 1/4", 3/8" and 1/2" drive. This set provides the basics in each drive size and is packed in a large, heavy gauge chest with front drop flap and removable tote tray. The fifty-three pieces have been carefully selected to handle a majority of nut turning jobs in automotive, aviation, refrigeration and farm implement fields.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1/4" DRIVE SOCKETS & ATTACHMENTS			
80M	Spinner Handle	62J	16" Speeder
50M	2" Ext	77JC	Rev. Ratchet
53M	6" Ext	312X to 314X	6 Pt. Sockets 3/8" to 7/16", 2 pcs.
77MC	Rev. Ratchet	318 to 324	12 Pt. Sockets 9/16" to 3/4", 4 pcs.
6M to 14M	6 Pt. Sockets 3/16" to 7/16", 8 pcs.	1/2" DRIVE SOCKETS & ATTACHMENTS	
8MS to 12MS	8 Pt. Sockets 1/4" to 3/8", 3 pcs.	16	Flex Handle
3/8" DRIVE SOCKETS & ATTACHMENTS		33	Universal Joint
12J	Flex Handle	42	Sliding T
33J	Universal Joint	53	5" Ext
51J	2-5/8" Extension	47	10" Ext
53J	5" Ext	62	18" Speeder
57J	10" Ext	77C	Rev. Ratchet
		514 to 536	12 Pt. Sockets 7/16" to 1-1/8", 14 pcs.

Metal tool box with tote tray 20" x 9" x 9-1/4"
STD. PKG. 1 WEIGHT 28.07 LBS.



SET NO. 4058 1/4"-3/8"-1/2"-3/4" DRIVE 58 PC. COMBINATION SET

A 58-piece combination set for the heavy duty mechanic. Contains 1/4", 3/8" and 1/2" drive socket ranges plus 3/4" drive for heavy duty tractor, diesel, truck or machinery maintenance work. Sockets range from 1/4" through 1-5/8" to handle most nut turning requirements. Set comes complete in hip roof box with removable tote tray. Every tool will find practical use in everyday service operations.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1/4" DRIVE SOCKETS & ATTACHMENTS		1/2" DRIVE SOCKETS & ATTACHMENTS	
80M	Spinner Handle	16	Flexhandle, 18"
8M to 14M	6 Pt. Sockets 1/4" to 7/16", 6 pcs.	33	Universal Joint
8MS to 12MS	8 Pt. Sockets 1/4" to 3/8", 3 pcs.	42	Sliding T
3809	Metal Box	53	5" Ext
3/8" DRIVE SOCKETS & ATTACHMENTS		57	10" Ext
12J	Flexhandle	62	18" Speeder
33J	Universal Joint	77C	Rev. Ratchet
53J	5" Ext	514 to 536	12 Pt. Sockets 7/16" to 1-1/8", 15 pcs.
57J	10" Ext	95	1/2" x 3/4" M Adaptor
62J	16" Speeder	3/4" DRIVE SOCKETS & ATTACHMENTS	
77JC	Rev. Ratchet	18	Flexhandle
312X to 314X	6 Pt. Sockets 3/8" to 7/16", 2 pcs.	20X	16" Ext
316 to 324	12 Pt. Sockets 1/2" to 3/4", 5 pcs.	1234 to 1252	12 Pt. Sockets 1-1/16" to 1-5/8", 7 pcs.
626JR	13/16" Sparkplug Socket		

Metal tool box with tote tray 20" x 9" x 9-1/4"
STD. PKG. 1 WEIGHT 40.01 LBS.
One set per package



SET NO. 40106 106 MAJOR PIECE MASTER COMBINATION SET 1/4"-3/8"-1/2" DRIVE PLUS WRENCHES - SCREWDRIVERS - PLIERS

Thorsen's largest and most complete combination set, it is specifically designed for the professional. Completeness in 1/4", 3/8" and 1/2" drive, plus a 10 piece combination wrench set, 9 piece screwdriver set, adjustable wrench, pliers and diagonals make this an excellent choice for all mechanics. It's a repair shop in itself, and comes in Thorsen's new double drawer chest with built-in lock with key — no padlock required.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1/4" DRIVE SOCKETS & ATTACHMENTS			
77MC	Rev. Ratchet	51	2-1/2" Ext.
80M	Spinner Handle	53	5" Ext.
50M	2" Ext.	57	10" Ext.
53M	6" Ext.	62	18" Speeder
6M to 14M	6 Pt. Sockets 3/16" to 7/16", 8 pcs.	77C	Rev. Ratchet
8MS to 12MS	8 Pt. Sockets 1/4" to 3/8", 3 pcs.	512 to 536	12 Pt. Sockets 3/8" to 1-1/8", 16 pcs.
3809	Metal Box	616 to 632	12 Pt. Deep Sockets 1/2" to 1", 9 pcs.
3/8" DRIVE SOCKETS & ATTACHMENTS			
77JC	Rev. Ratchet	1214	Metal Box
12J	Flexhandle	COMBINATION WRENCHES	
51J	2-5/8" Ext.	2012 to 2030	Combination Wrenches 3/8" to 15/16", 10 pcs.
57J	10" Ext.	PC-10	Vinyl Pouch
33J	Univ. Joint	SERVICE TOOLS	
62J	6" Speeder	013P	No. 1 Phillips Screwdriver
312X to 314X	6 Pt. Sockets 3/8" to 7/16", 2 pcs.	021P	Stubby Phillips Screwdriver
316 to 326	12 Pt. Sockets 1/2" to 3/4", 5 pcs.	024P	No. 2 Phillips Screwdriver
616J to 626J	12 Pt. Deep Sockets 1/2" to 13/16", 6 pcs.	042	2" Pocket Screwdriver
612JX to 614JX	6 Pt. Deep Sockets 3/8" to 7/16", 2 pcs.	044	4" Pocket Screwdriver
3809	Metal Box	064	4" Cabinet Screwdriver
412JX to 414JX	6 Pt. Universal Sockets 3/8" to 7/16", 2 pcs.	081	1" Stubby Screwdriver
416X to 424JX	12 Pt. Universal Sockets 1/2" to 3/4", 5 pcs.	085	5" Screwdriver
3808U	Metal Box	106	6" Screwdriver
1/2" DRIVE SOCKETS & ATTACHMENTS			
16	Flexhandle	PO-10	Vinyl Pouch
33	Univ. Joint	SJ-8AL	8" Slipjoint pliers (Thorsen Allied)
42	Sliding T	AW-10AL	10" Adjustable Wrench (Thorsen Allied)
		GJ10AL	10" Groove Joint Pliers (Thorsen Allied)
		DP-6	6" Diagonal Cutters

Metal tool box with tote tray 25-3/4" x 14-1/4" x 12-1/2"
STD. PKG. 1 WEIGHT 59 LBS.



SET NO. 7652

75 PC. 1/4" - 3/8" - 1/2" DRIVE UTILITY SET WITH ACCESSORIES

An all-purpose combination set includes 1/4", 3/8" and 1/2" drive. This set offers a wide range of sockets and attachments. This set also features a selection of combination wrenches and screwdrivers.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1/4" DRIVE SOCKETS & ATTACHMENTS			
6M to 11M	6 Pt. Sockets 3/16" to 11/32", 6 pcs.	620JR	3/8" Dr. 5/8" 6 Pt. Sparkplug Socket
8MS to 10MS	8 Pt. Sockets 1/4" to 5/16", 2 pcs.	77JC	3/8" Dr. 7/12" Closed Head Ratchet
80M	1/4" Dr. Spinner Handle	51J	3/8" Dr. 2-5/8" Extension
3/8" DRIVE SOCKETS & ATTACHMENTS			
90	3/8" F — 1/4" M Adaptors	524 to 532	12 Pt. Sockets 3/4" to 1", 5 pcs.
312X to 314X	6 Pt. Sockets 3/8" to 7/16", 2 pcs.	53	1/2" Dr. 5" Ext
316X to 322	12 Pt. Sockets 1/2" to 11/16", 4 pcs.	77C	1/2" Dr. 10" Closed Head Ratchet
620JR	3/8" Dr. 5/8" 6 Pt. Sparkplug Socket	COMBINATION WRENCHES	
77JC	3/8" Dr. 7/12" Closed Head Ratchet	2014 to 2018	Combination Wrench 7/16" to 9/16", 3 pcs.
51J	3/8" Dr. 2-5/8" Ext	174 IGN	8 Piece Ignition Wrench Set
1/2" DRIVE SOCKETS & ATTACHMENTS			
524 to 526	12 Pt. Sockets 3/4" to 13/16", 2 pcs.	3718	18 Piece Hex Key Set
7M to 11M	6 Pt. Sockets 7/32" to 11/32", 5 pcs.	013P	3/16" x 3" #1 Phillips Screwdriver
8MS to 10MS	8 Pt. Sockets 1/4" to 5/16", 2 pcs.	044	1/8" x 2" Pocket Screwdriver
80M	1/4" Dr. Spinner Handle	064	3/16" x 4" Cabinet Screwdriver
90	3/8" F — 1/4" M Adaptors	085	1/4" x 5" Plain Blade Screwdriver
312X to 314X	6 Pt. Sockets 3/8" to 7/16", 2 pcs.	HS14A	Hacksaw Frame with 13 blades
316 to 322	12 Pt. Sockets 1/2" to 11/16", 4 pcs.	4800-1	1/4" Dr. Spin Disc
		4800-2	3/8" Dr. Spin Disc
		4800-3	1/2" Dr. Spin Disc

Metal tool box with tote tray 20" x 6-3/4" x 7"
STD. PKG. 1 WEIGHT 13.65 LBS.

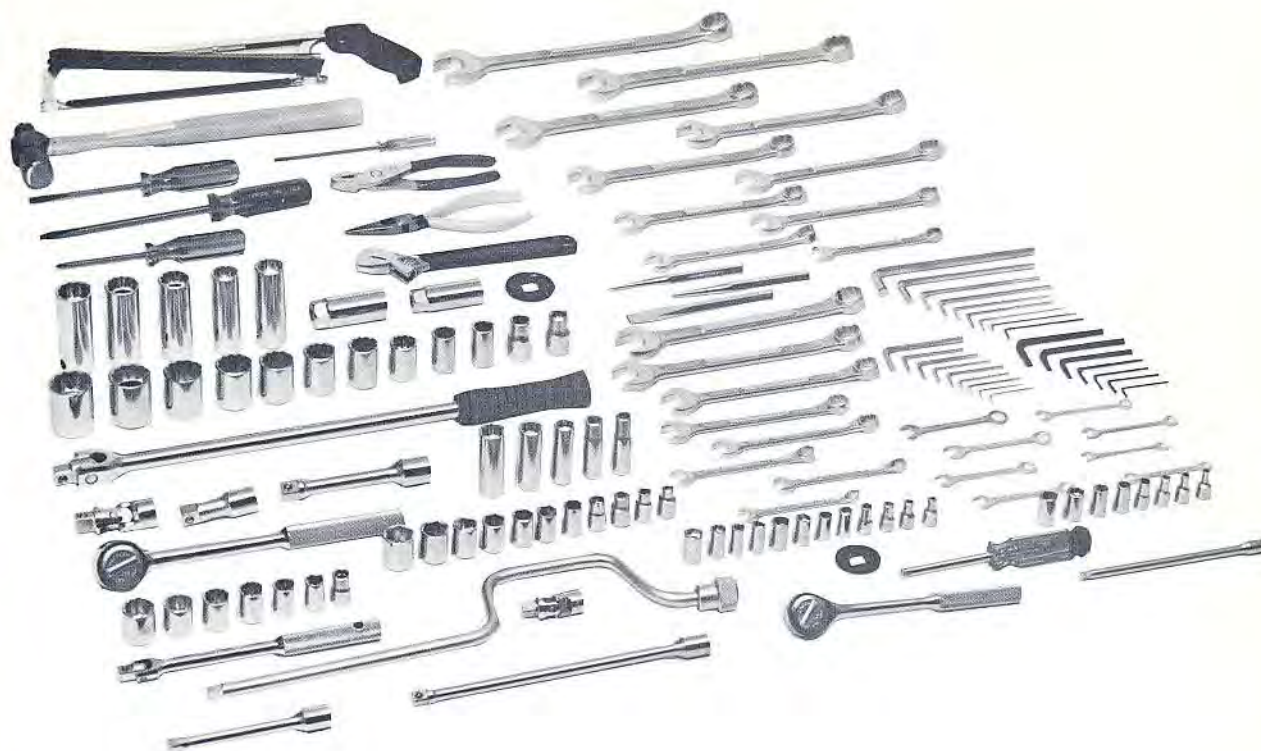


SET NO. 7650 119 PC. 1/4" - 3/8" - 1/2" DRIVE MASTER TOOL SET

119 major pieces consisting of carefully selected 1/4", 3/8", and 1/2" drive sockets and attachments. Perfect for professional automotive mechanic's, maintenance service, and general repair operations.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1/4" DRIVE SOCKETS & ATTACHMENTS		COMBINATION WRENCHES	
6M to 14M	6 Pt. Sockets 3/16" to 7/16", 7 pcs.	2012 to 2024	Combination Wrench 3/8" to 3/4", 6 pcs.
14M	7/16" 6 Pt. Socket	SERVICE TOOLS	
8MS	1/4" 8 Pt. Socket	SJ6AL	6" Slip Joint Plier (Thorsen Allied)
10MS	5/16" 8 Pt. Socket	3718	18 piece Hex Key Set
80M	Spinner Handle	CP	5" Center Punch
3/8" DRIVE SOCKETS & ATTACHMENTS		PP	5" Prick Punch
312X to 314X	6 Pt. Sockets 3/8" to 7/16", 2 pcs.	2P	1/8" Pin Punch
316 to 324X	12 Pt. Sockets 1/2" to 3/4", 5 pcs.	2C	7/16" Cold Chisel
612JX to 614JX	6 Pt. Deep Sockets 3/8" to 7/16", 2 pcs.	3C	5/8" Cold Chisel
616J to 624J	12 Pt. Deep Sockets 1/2" to 3/4", 5 pcs.	044	1/8" x 4" Pocket Screwdriver
90	1/4" M Adapter	064	3/16" x 4" Cabinet Screwdriver
620JR	5/8" 6 Pt. Sparkplug Socket	013P	3/16" x 3" #1 Phillips Screwdriver
77JC	7-1/2" Closed Head Ratchet	024P	1/4" x 4" # Phillips Screwdriver
4800-2	3/8" Drive Spin Disc	081	1/4" x 1" Stubby Screwdriver
1/2" DRIVE SOCKETS & ATTACHMENTS		084	1/4" x 4" Plain Blade Screwdriver
516 to 532	12 Pt. Sockets 1/2" to 1", 9 pcs.	106	5/16" x 6" Plain Blade Screwdriver
626R	13/16" 6 Pt. Sparkplug Socket	181	19 Piece Ignition Wrench Set
53	5" Ext	HS14A	Hacksaw Frame with 13 Blades
77C	10" Closed Head Ratchet	174	9 Piece Ignition Wrench Set
4800-3	1/2" Drive Spin Disc		

Metal tool box with tote tray 19" x 5-3/4" x 6-3/4"
STD. PKG. 1 WEIGHT 19.43 LBS.



SET NO. 7653 150 PC. 1/4" - 3/8" - 1/2" DRIVE MASTER SET

Thorsen's largest master mechanic's tool set. Complete in 1/4", 3/8", and 1/2" drive, plus metric sockets and metric combination wrenches. This set also features screwdrivers, punches and chisels, pliers, hacksaw and blades and many other excellent items. It's a repair shop in itself with the professional mechanic in mind. Furnished without tool box.

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1/4" DRIVE SOCKETS & ATTACHMENTS		51	2-1/2" Extension
6M to 14M	6 Pt. Sockets 3/16" to 7/16", 8 pcs.	53	5" Extension
8MS to 12MS	8 Pt. Sockets 1/4" to 3/8", 3 pcs.	77C	10" Closed Head Ratchet
20204 to 11	6 Pt. Metric Sockets 4MM to 11MM, 8 pcs.	4800-3	Spin Disc
53M	6" Extension	COMBINATION WRENCHES	
80M	Spinner Handle	2012 to 2030	Combination Wrenches 3/8" to 15/16", 10 pcs.
3/8" DRIVE SOCKETS & ATTACHMENTS		METRIC COMBINATION WRENCHES	
312X to 314X	6 Pt. Sockets 3/8" to 7/16", 2 pcs.	1008 to 1019	Metric Combination Wrenches 8MM to 19MM, 8 pcs.
316 to 324	12 Pt. Sockets 1/2" to 3/4", 5 pcs.	SERVICE TOOLS	
612JX to 614JX	6 Pt. Sockets 3/8" to 7/16", 2 pcs.	HS14A	Hacksaw Frame with 13 blades
616J to 620J	12 Pt. Sockets 1/2" to 5/8", 3 pcs.	013P	3/16" x 3" #1 Phillips Screwdriver
620JR to 626JR	6 Pt. Sparkplug Sockets 5/8" to 13/16", 2 pcs.	064	3/16" x 4" Cabinet Screwdriver
7MM to 19MM	6 Pt. Metric Sockets 7MM to 19MM, 11 pcs.	085	1/4" x 5" Plain Blade Screwdriver
12J	Dr. 7-1/2" Flexhandle	174IGN	8 Piece Ignition Wrench Set
33J	Universal Joint	CP	5" Center Punch
53J	5" Extension	PP	5" Prick Punch
57J	10" Extension	2C	7/16" Cold Chisel
62J	16-1/2" Speeder Handle	BP12AL	12 oz. Ball Pein Hammer (Thorsen Allied)
77JC	7-1/2" Closed Head Ratchet	SJ6AL	6" Slip Joint Plier (Thorsen Allied)
4800-2	Spin Disc	AW8AL	8" Adjustable Wrench (Thorsen Allied)
1/2" DRIVE SOCKETS & ATTACHMENTS		LN6	6" Long Nose Plier
514 to 536	12 Pt. Sockets 7/16" to 1-1/8", 12 pcs.	HK7M	7 Piece Metric Hex Key Set
622 to 630	12 Pt. Deep Sockets 11/16" to 15/16", 5 pcs.	3718	18 Piece Hex Key Set
16	18" Flexhandle	004	1/8" x 4" Pocket Screwdriver
33	Universal Joint		

Metal tool box with tote tray
STD. PKG. 1 WEIGHT 19.43 LBS.

COMBINATION WRENCHES THORSEN TOOL



COMBINATION WRENCHES

PART NO.	SIZE		STD. LENGTH	WEIGHT PKG.	EA.
2008	1/4"	6 Pt. Wrench	3-5/8"	6	.06 lbs.
2010	5/16"	6 Pt. Wrench	4-1/8"	6	.09 lbs.
2012	3/8"	12 Pt. Wrench	4-3/4"	6	.13 lbs.
2014	7/16"	12 Pt. Wrench	5-1/2"	6	.13 lbs.
2016	1/2"	12 Pt. Wrench	6"	6	.13 lbs.
2018	9/16"	12 Pt. Wrench	7"	6	.25 lbs.
2020	5/8"	12 Pt. Wrench	7-5/8"	6	.31 lbs.
2022	11/16"	12 Pt. Wrench	8-1/2"	6	.38 lbs.
2024	3/4"	12 Pt. Wrench	9-3/8"	6	.44 lbs.
2026	13/16"	12 Pt. Wrench	10-1/2"	6	.56 lbs.
2028	7/8"	12 Pt. Wrench	11-1/4"	6	.68 lbs.
2030	15/16"	12 Pt. Wrench	12-1/8"	6	.78 lbs.
2032	1"	12 Pt. Wrench	13-1/8"	6	.90 lbs.
2034	1-1/16"	12 Pt. Wrench	14-1/8"	6	1.10 lbs.
2036	1-1/8"	12 Pt. Wrench	14-11/16"	3	1.40 lbs.
2040	1-1/4"	12 Pt. Wrench	16-1/8"	3	1.50 lbs.
2042	1-5/16"	12 Pt. Wrench	16-7/8"	1	1.50 lbs.
2044	1-3/8"	12 Pt. Wrench	19-1/8"	1	2.40 lbs.
2048	1-1/2"	12 Pt. Wrench	21-7/8"	1	2.40 lbs.
2052	1-5/8"	12 Pt. Wrench	21-7/8"	1	2.40 lbs.
2054	1-11/16"	12 Pt. Wrench	23"	1	2.40 lbs.
2056	1-3/4"	12 Pt. Wrench	25"	1	2.60 lbs.
2058	1-13/16"	12 Pt. Wrench	25"	1	2.60 lbs.
2060	1-7/8"	12 Pt. Wrench	25"	1	2.60 lbs.
2064	2"	12 Pt. Wrench	25-1/4"	1	2.90 lbs.

METRIC COMBINATION WRENCHES



METRIC METRIC COMBINATION WRENCHES

PART NO.	SIZE & DESCRIPTION	LENGTH	STD. PKG.	WEIGHT EA.
1007	7MM Comb. Wr. 6 Pt.	3-3/4"	6	.05 lbs.
1008	8MM Comb. Wr. 6 Pt.	4"	6	.05 lbs.
1009	9MM Comb. Wr. 6 Pt.	4-1/4"	6	.04 lbs.
1010	10MM Comb. Wr. 6 Pt.	5"	6	.08 lbs.
1011	11MM Comb. Wr. 6 Pt.	5-1/2"	6	.12 lbs.
1012	12MM Comb. Wr. 12 Pt.	6"	6	.14 lbs.
1013	13MM Comb. Wr. 12 Pt.	6-1/2"	6	.15 lbs.
1014	14MM Comb. Wr. 12 Pt.	7"	6	.20 lbs.
1015	15MM Comb. Wr. 12 Pt.	7-1/2"	6	.23 lbs.
1016	16MM Comb. Wr. 12 Pt.	8"	6	.24 lbs.
1017	17MM Comb. Wr. 12 Pt.	8-1/2"	6	.34 lbs.
1018	18MM Comb. Wr. 12 Pt.	9"	6	.34 lbs.
1019	19MM Comb. Wr. 12 Pt.	9-1/2"	6	.43 lbs.
1021	21MM Comb. Wr. 12 Pt.	10"	6	.62 lbs.
1022	22MM Comb. Wr. 12 Pt.	10-1/2"	6	.71 lbs.
1024	24MM Comb. Wr. 12 Pt.	11"	6	.93 lbs.

COMBINATION WRENCH SETS



SET NO. BOE-6 6 PC. COMBINATION WRENCH SET IN VINYL ROLL

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
2014	7/16" Wrench	2020	5/8" Wrench
2016	1/2" Wrench	2022	11/16" Wrench
2018	9/16" Wrench	2024	3/4" Wrench

Black vinyl roll
STD. PKG. 1 WEIGHT: 2.06 LBS.

THORSEN TOOL COMBINATION WRENCH SETS

SET NO. BOE-11 11 PC. COMBINATION WRENCH SET IN VINYL ROLL

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
2012	3/8" Wrench	2024	3/4" Wrench
2014	7/16" Wrench	2026	13/16" Wrench
2016	1/2" Wrench	2028	7/8" Wrench
2018	9/16" Wrench	2030	15/16" Wrench
2020	5/8" Wrench	2032	1" Wrench
2022	11/16" Wrench		

Black vinyl roll
STD. PKG. 1 WEIGHT: 5.45 LBS.



SET NO. BOE-14 14 PC. COMBINATION WRENCH SET IN VINYL ROLL

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
2012	3/8" Wrench	2026	13/16" Wrench
2014	7/16" Wrench	2028	7/8" Wrench
2016	1/2" Wrench	2030	15/16" Wrench
2018	9/16" Wrench	2032	1" Wrench
2020	5/8" Wrench	2034	1-1/16" Wrench
2022	11/16" Wrench	2036	1-1/8" Wrench
2024	3/4" Wrench	2040	1-1/4" Wrench

Black vinyl roll
STD. PKG. 1 WEIGHT: 10.06 LBS.



SET NO. BOE-14MM 14 PC. METRIC COMBINATION WRENCH SET IN VINYL ROLL

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1008	8MM Wrench	1015	15MM Wrench
1009	9MM Wrench	1016	16MM Wrench
1010	10MM Wrench	1017	17MM Wrench
1011	11MM Wrench	1018	18MM Wrench
1012	12MM Wrench	1019	19MM Wrench
1013	13MM Wrench	1021	21MM Wrench
1014	14MM Wrench	1022	22MM Wrench

Black vinyl roll
STD. PKG. 1 WEIGHT: 10.08 LBS.

METRIC



SET NO. PC-4 4 PC. COMBINATION WRENCH SET IN VINYL POUCH

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
2012	3/8" Wrench	2016	1/2" Wrench
2014	7/16" Wrench	2018	9/16" Wrench

Black vinyl pouch
STD. PKG. 3 WEIGHT: 2.32 LBS.



SET NO. PC-6 6 PC. COMBINATION WRENCH SET IN VINYL POUCH

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
2012	3/8" Wrench	2018	9/16" Wrench
2014	7/16" Wrench	2020	5/8" Wrench
2016	1/2" Wrench	2024	3/4" Wrench

Black vinyl pouch
STD. PKG. 3 WEIGHT: 4.51 LBS.



COMBINATION WRENCH SETS THORSEN TOOL



SET NO. PC9 9 PC. COMBINATION WRENCH SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
2008	1/4" 6 Pt. Wrench	2018	9/16" 12 Pt. Wrench
2010	5/16" 6 Pt. Wrench	2020	5/8" 12 Pt. Wrench
2012	3/8" 12 Pt. Wrench	2022	11/16" 12 Pt. Wrench
2014	7/16" 12 Pt. Wrench	2024	3/4" 12 Pt. Wrench
2016	1/2" 12 Pt. Wrench		

Black vinyl pouch
STD. PKG. 3 WEIGHT: 12.00 LBS.



SET NO. PC-10 10 PC. COMBINATION WRENCH SET IN VINYL POUCH

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
2012	3/8" Wrench	2022	11/16" Wrench
2014	7/16" Wrench	2024	3/4" Wrench
2016	1/2" Wrench	2026	13/16" Wrench
2018	9/16" Wrench	2028	7/8" Wrench
2020	5/8" Wrench	2030	15/16" Wrench

Black vinyl pouch
STD. PKG. 3 WEIGHT: 12.13 LBS.



METRIC SET NO. MC6 6 PC. METRIC COMBINATION WRENCH SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1010	10MM Wrench	1014	14MM Wrench
1012	12MM Wrench	1017	17MM Wrench
1013	13MM Wrench	1019	19MM Wrench

Black vinyl pouch
STD. PKG. 3 WEIGHT: 4.75 LBS.



METRIC SET NO. MC-8 8 PC. METRIC COMBINATION WRENCH SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1007	7MM Wrench	1011	11MM Wrench
1008	8MM Wrench	1012	12MM Wrench
1009	9MM Wrench	1013	13MM Wrench
1010	10MM Wrench	1014	14MM Wrench

Black vinyl pouch
STD. PKG. 3 WEIGHT: 5.24 LBS.



METRIC SET NO. MC9 9 PC. METRIC COMBINATION WRENCH SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1007	7MM Wrench	1012	12MM Wrench
1008	8MM Wrench	1013	13MM Wrench
1009	9MM Wrench	1014	14MM Wrench
1010	10MM Wrench	1015	15MM Wrench
1011	11MM Wrench		

Black vinyl pouch
STD. PKG. 3 WEIGHT: 5.40 LBS.

SET NO. MC-12 12 PC. METRIC COMBINATION WRENCH SET

METRIC

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1008	8MM Wrench	1014	14MM Wrench
1009	9MM Wrench	1015	15MM Wrench
1010	10MM Wrench	1016	16MM Wrench
1011	11MM Wrench	1017	17MM Wrench
1012	12MM Wrench	1018	18MM Wrench
1013	13MM Wrench	1019	19MM Wrench

Black vinyl pouch
STD. PKG. 3 WEIGHT: 6.13 LBS.



OPEN-END WRENCHES

OPEN END WRENCHES

PART NO.	SIZE & DESCRIPTION	LENGTH	STD. PKG.	WEIGHT EA.
3008	1/4" x 5/16" Wrench	3-3/4"	6	.06 lbs.
3012	3/8" x 7/16" Wrench	5"	6	.09 lbs.
3014	7/16" x 1/2" Wrench	6-1/4"	6	.13 lbs.
3016	1/2" x 9/16" Wrench	6-3/4"	6	.19 lbs.
3018	9/16" x 5/8" Wrench	7-1/8"	6	.25 lbs.
3019	19/32" x 11/16" Wrench	7-1/2"	6	.31 lbs.
3020	5/8" x 3/4" Wrench	8-1/4"	6	.38 lbs.
3024	3/4" x 7/8" Wrench	9-3/8"	6	.44 lbs.
3025	25/32" x 13/16" Wrench	9-3/8"	6	.68 lbs.
3030	15/16" x 1" Wrench	10-5/8"	6	.78 lbs.
3034	1-1/16" x 1-1/8" Wrench	12"	6	1.10 lbs.



METRIC OPEN END WRENCHES

PART NO.	SIZE & DESCRIPTION	LENGTH	STD. PKG.	WEIGHT EA.
1108	8MM x 9MM Wrench	3-3/4"	6	.06 lbs.
1110	10MM x 11MM Wrench	4-3/4"	6	.08 lbs.
1112	12MM x 13MM Wrench	5-3/4"	6	.16 lbs.
1114	14MM x 15MM Wrench	7"	6	.23 lbs.
1116	16MM x 17MM Wrench	7-1/4"	6	.34 lbs.
1118	18MM x 19MM Wrench	8"	6	.49 lbs.

METRIC



OPEN-END WRENCH SETS

SET NO. OE-6 6 PC. OPEN END WRENCH SET IN VINYL ROLL

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
3012	3/8" x 7/16" Wrench	3020	5/8" x 3/4" Wrench
3016	1/2" x 9/16" Wrench	3024	3/4" x 7/8" Wrench
3019	19/32" x 11/16" Wrench	3030	15/16" x 1" Wrench

Black vinyl roll
STD. PKG. 1 WEIGHT: 2.69 LBS.



OPEN-END WRENCH SETS

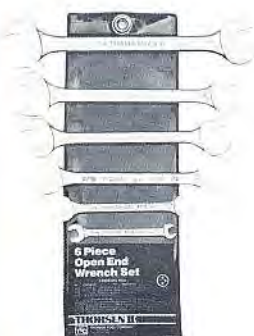
THORSEN TOOL



SET NO. OE-10 10 PC. OPEN END WRENCH SET IN VINYL ROLL

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
3008	1/4" x 5/16" Wrench	3019	19/32" x 11/16" Wrench
3012	3/8" x 7/16" Wrench	3020	5/8" x 3/4" Wrench
3014	7/16" x 1/2" Wrench	3024	3/4" x 7/8" Wrench
3016	1/2" x 9/16" Wrench	3025	25/32" x 13/16" Wrench
3018	9/16" x 5/8" Wrench	3030	15/16" x 1" Wrench

Black vinyl roll
STD. PKG. 1 WEIGHT: 3.63 LBS.



SET NO. PO-6 6 PC. OPEN END WRENCH SET IN VINYL POUCH

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
3008	1/4" x 5/16" Wrench	3019	19/32" x 11/16" Wrench
3012	3/8" x 7/16" Wrench	3020	5/8" x 3/4" Wrench
3016	1/2" x 9/16" Wrench	3024	3/4" x 7/8" Wrench

Black vinyl pouch
STD. PKG. 3 WEIGHT: 4.64 LBS.



SET NO. PO-10 10 PC. OPEN END WRENCH SET IN VINYL POUCH

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
3008	1/4" x 5/16" Wrench	3019	19/32" x 11/16" Wrench
3012	3/8" x 7/16" Wrench	3020	5/8" x 3/4" Wrench
3014	7/16" x 1/2" Wrench	3024	3/4" x 7/8" Wrench
3016	1/2" x 9/16" Wrench	3025	25/32" x 13/16" Wrench
3018	9/16" x 5/8" Wrench	3030	15/16" x 1" Wrench

Black vinyl pouch
STD. PKG. 3 WEIGHT: 3.18 LBS.

METRIC



SET NO. MO-6 6 PC. METRIC OPEN-END WRENCH SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1108	8MM x 9MM Wrench	1114	14MM x 15MM Wrench
1110	10MM x 11MM Wrench	1116	16MM x 17MM Wrench
1112	12MM x 13MM Wrench	1118	18MM x 19MM Wrench

Black vinyl pouch
STD. PKG. 3 WEIGHT: 1.50 LBS.

SHORT BOX WRENCHES



BOX WRENCHES — 15° SHORT PATTERN

PART NO.	SIZE & DESCRIPTION	LENGTH	STD. PKG.	WEIGHT EA.
2108	1/4" x 5/16" Short Wrench	4-3/8"	6	.05 lbs.
2112	3/8" x 7/16" Short Wrench	4-15/16"	6	.06 lbs.
2116	1/2" x 9/16" Short Wrench	5-1/2"	6	.16 lbs.
2120	5/8" x 11/16" Short Wrench	6-1/8"	6	.22 lbs.

SHORT BOX WRENCH SET

SET NO. PB-3 3 PC. SHORT BOX SET 15° PATTERN — IN VINYL POUCH

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
2112	3/8" x 7/16" Wrench	2120	5/8" x 11/16" Wrench
2116	1/2" x 9/16" Wrench		

Black vinyl roll
STD. PKG. 3 WEIGHT: 1.90 LBS.



LONG BOX WRENCHES

BOX WRENCHES — 15° LONG PATTERN

PART NO.	SIZE & DESCRIPTION	LENGTH	STD. PKG.	WEIGHT EA.
2212	3/8" x 7/16" Long Wrench	7"	6	.16 lbs.
2214	7/16" x 1/2" Long Wrench	8"	6	.22 lbs.
2216	1/2" x 9/16" Long Wrench	8-1/8"	6	.28 lbs.
2218	9/16" x 5/8" Long Wrench	8-7/8"	6	.34 lbs.
2220	5/8" x 11/16" Long Wrench	9-9/16"	6	.41 lbs.
2224	3/4" x 7/8" Long Wrench	11-1/8"	6	.75 lbs.
2226	13/16" x 7/8" Long Wrench	12"	6	.78 lbs.
2230	15/16" x 1" Long Wrench	13-7/16"	6	1.00 lbs.
2234	1-1/16" x 1-1/8" Long Wrench	14-1/4"	3	1.22 lbs.



LONG BOX WRENCH SETS

SET NO. PB-5 5 PC. LONG BOX SET 15° PATTERN — IN VINYL POUCH

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
2212	3/8" x 7/16" Wrench	2224	3/4" x 7/8" Wrench
2216	1/2" x 9/16" Wrench	2226	13/16" x 7/8" Wrench
2220	5/8" x 11/16" Wrench		

Black vinyl roll
STD. PKG. 3 WEIGHT: 7.86 LBS.



SET NO. BX-6 6 PC. LONG BOX SET 15° PATTERN — IN VINYL ROLL

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
2212	3/8" x 7/16" Wrench	2224	3/4" x 7/8" Wrench
2216	1/2" x 9/16" Wrench	2226	13/16" x 7/8" Wrench
2220	5/8" x 11/16" Wrench	2230	15/16" x 1" Wrench

Black vinyl pouch
STD. PKG. 1 WEIGHT: 4.00 LBS.





SET NO. BX-8 8 PC. LONG BOX SET 15° PATTERN — IN VINYL ROLL

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
2212	3/8" x 7/16" Wrench	2220	5/8" x 11/16" Wrench
2214	7/16" x 1/2" Wrench	2224	3/4" x 7/8" Wrench
2216	1/2" x 9/16" Wrench	2226	13/16" x 7/8" Wrench
2218	9/16" x 5/8" Wrench	2230	15/16" x 1" Wrench

Black vinyl roll
STD. PKG. 1 WEIGHT: 4.56 LBS.

TAPPET WRENCHES



TAPPET WRENCHES

PART NO.	SIZE & DESCRIPTION	LENGTH	STD. PKG.	WEIGHT EA.
2314	7/16" x 1/2"	9-1/2"	6	.13 lbs.
2316	1/2" x 9/16"	9-1/2"	6	.19 lbs.
2320	5/8" x 11/16"	9-1/2"	6	.31 lbs.
2324	3/4" x 7/8"	9-1/2"	6	.44 lbs.

TAPPET WRENCH SETS



SET NO. PT4 4 PC. TAPPET WRENCH SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
2314	7/16" x 1/2" Wrench	2320	5/8" x 11/16" Wrench
2316	1/2" x 9/16" Wrench	2324	3/4" x 7/8" Wrench

Black vinyl pouch
STD. PKG. 1 WEIGHT: 1.07 LBS.



SET NO. PT 22 4 PC. TAPPET WRENCH SET

PART NO.	SIZE & DESCRIPTION
2316	9/16" x 1/2" 2 each
2320	11/16" x 5/8" 2 each

Black vinyl pouch
STD. PKG. 1 WEIGHT: 1.08 LBS.

OBSTRUCTION WRENCHES



OBSTRUCTION WRENCHES

PART NO.	SIZE & DESCRIPTION	LENGTH	STD. PKG.	WEIGHT EA.
2514	7/16" x 1/2"		6	.13 lbs.
2518	5/8" x 9/16"		6	.19 lbs.

SCREWDRIVERS

PART NO.	DESCRIPTION	SIZE	STD. PKG.	WEIGHT EA.
013P	No. 1 Phillips	3/16" x 3"	6	.09 lbs.
021P	No. 2 Stubby Phillips	1/4" x 1-1/4"	6	.09 lbs.
024P	No. 2 Phillips	1/4" x 4"	6	.19 lbs.
036P	No. 3 Phillips	5/16" x 6"	6	.28 lbs.
042	Pocket	1/8" x 2"	6	.03 lbs.
044	Pocket	1/8" x 4"	6	.03 lbs.
064	Cabinet	3/16" x 4"	6	.13 lbs.
066	Cabinet	3/16" x 6"	6	.13 lbs.
081	Regular Stubby	1/4" x 1-1/4"	6	.09 lbs.
084	Regular	1/4" x 4"	6	.16 lbs.
085	Regular	1/4" x 5"	6	.19 lbs.
106	Regular	5/16" x 6"	6	.26 lbs.
128	Round	3/8" x 8"	6	.26 lbs.
206	Square	5/16" x 6"	6	.26 lbs.
210	Square	3/8" x 10"	6	.26 lbs.
228	Square	3/8" x 8"	6	.26 lbs.
284	Square	1/4" x 4"	6	.26 lbs.



SCREWDRIVER SETS

SET NO. 30-ES 3 PC. ECONOMY SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
024P	1/4" x 4" #2 Phillips	084	1/4" x 4" Plain Blade
064	3/16" x 4" Cabinet		

Black vinyl pouch
STD. PKG. 3 WEIGHT: 1.73 LBS.



SET NO. 40-RH 4 PC. PHILLIPS SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
013P	3/16" x 3" #1 Phillips	024P	1/4" x 4" #2 Phillips
021P	#2 Phil. Stub.	036P	5/16" x 6" #3 Phillips

Black vinyl pouch
STD. PKG. 3 WEIGHT: 2.64 LBS.



SET NO. 50-PB 5 PC. PLAIN BLADE SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
064	3/16" x 4" Cabinet	084	1/4" x 4" Plain Blade
066	3/16" x 6" Cabinet	106	5/16" x 6" Plain Blade
081	1/4" x 4" Stubby		

Black vinyl pouch
STD. PKG. 3 WEIGHT: 2.86 LBS.





SET NO. 55-HO 5 PC. GENERAL PURPOSE SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
024P	1/4" x 4" #2 Phillips	084	1/4" x 4" Plain Blade
064	3/16" x 4" Cabinet	106	5/16" x 6" Plain Blade
081	1/4" x 1" Stubby		

Black vinyl pouch
STD. PKG. 3 WEIGHT: 3.00 LBS.



SET NO. 60-ES 6 PC. ELECTRICIAN'S SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
013P	3/16" x 3" #1 Phillips	064	3/16" x 4" Cabinet
024P	1/4" x 4" #2 Phillips	066	3/16" x 6" Cabinet
044	1/8" x 4" Pckt.	106	5/16" x 6" Plain

Black vinyl pouch
STD. PKG. 3 WEIGHT: 2.97 LBS.



SET NO. 90-DL 9 PC. HEAVY DUTY SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
013P	3/16" x 3" #1 Phillips	064	3/16" x 4" Cab. Scrwdr.
021P	#2 Phil. Stub.	081	1/4" x 1" Stubby
024P	1/4" x 4" #2 Phillips	085	1/4" x 5" Plain Blade
042	1/8" x 2" Pocket	106	5/16" x 6" Plain Blade
044	1/8" x 4" Pocket		

Black vinyl pouch
STD. PKG. 3 WEIGHT: 3.64 LBS.

PUNCHES



PUNCHES

PART NO.	SIZE & DESCRIPTION	STD. PKG.	WEIGHT EA.
1P	3/32" x 1/4" x 4-1/2" Pin Punch	6	.16 lbs.
2P	1/8" x 5/16" x 4-3/4" Pin Punch	6	.16 lbs.
3P	3/16" x 3/8" x 5-1/4" Pin Punch	6	.25 lbs.
4P	1/4" x 3/8" x 5-3/4" Pin Punch	6	.25 lbs.
CP	3/8" x 5-1/2" Center Punch	6	.13 lbs.
PP	3/8" x 5-1/2" Prick Punch	6	.13 lbs.
SP	3/16" x 5-1/2" Solid Punch	6	.28 lbs.
1T	1/8" x 5/16" x 7" Lining Punch	6	.34 lbs.
2T	3/16" x 3/8" x 9" Lining Punch	6	.44 lbs.
3T	7/32" x 1/2" x 10" Lining Punch	6	.81 lbs.

CHISELS

CHISELS

PART NO.	SIZE & DESCRIPTION	STD. PKG.	WEIGHT EA.
1C	1/4" x 1/4" x 4-1/4" Cold Chisel	6	.33 lbs.
2C	3/8" x 5/16" x 5" Cold Chisel	6	.33 lbs.
3C	5/8" x 1/2" x 6-1/2" Cold Chisel	6	.33 lbs.
4C	3/4" x 5/8" x 7" Cold Chisel	6	.33 lbs.



PUNCH & CHISEL SETS

SET NO. CC-4 4 PC. CHISEL SET

PART NO.	SIZE & DESCRIPTION
1C	1/4" x 1/4" x 4-1/4" Cold Chisel
2C	3/8" x 5/16" x 5" Cold Chisel
3C	5/8" x 1/2" x 6-1/2" Cold Chisel
4C	3/4" x 5/8" x 7" Cold Chisel

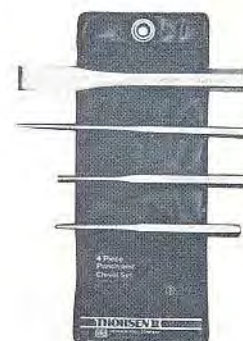
Black vinyl pouch
STD. PKG. 3 WEIGHT: 1.32 LBS.



SET NO. CS-4 4 PC. COMBINATION PUNCH & CHISEL SET

PART NO.	SIZE & DESCRIPTION
4C	3/4" x 5/8" x 7" Cold Chisel
4P	1/4" x 3/8" x 5-3/4" Pin Punch
CP	3/8" x 5-1/2" Center Punch
1T	1/8" x 5/16" x 7" Lining Punch

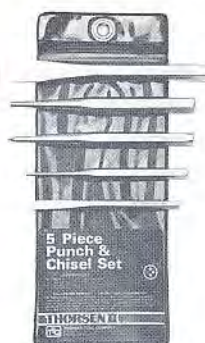
Black vinyl pouch
STD. PKG. 3 WEIGHT: 1.50 LBS.



SET NO. DS-5 5 PC. DELUXE PUNCH & CHISEL SET

PART NO.	SIZE & DESCRIPTION
1C	1/4" x 1/4" x 4-1/4" Cold Chisel
3C	5/8" x 1/2" x 6-1/2" Cold Chisel
2P	1/8" x 5/16" x 4-3/4" Pin Punch
PP	3/8" x 5-1/2" Prick Punch
SP	3/16" x 5-1/2" Solid Punch

Black vinyl pouch
STD. PKG. 3 WEIGHT: 1.13 LBS.

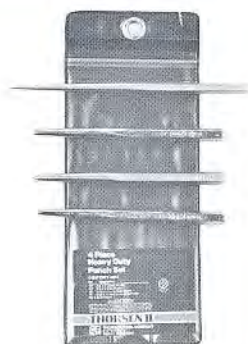


SET NO. HS-5 5 PC. HOMEOWNER'S PUNCH & CHISEL SET

PART NO.	SIZE & DESCRIPTION
1C	1/4" x 1/4" x 4-1/4" Cold Chisel
2C	3/8" x 5/16" x 5" Cold Chisel
1P	3/32" x 1/4" x 4-1/2" Pin Punch
CP	3/8" x 5-1/2" Center Punch
SP	3/16" x 5-1/2" Solid Punch

Black vinyl pouch
STD. PKG. 3 WEIGHT: .94 LBS.





SET NO. HD-4 4 PC. HEAVY DUTY PUNCH SET

PART NO.	SIZE & DESCRIPTION	
CP	3/8" x 5-1/2"	Center Punch
PP	3/8" x 5-1/2"	Prick Punch
SP	3/16" x 5-1/2"	Solid Punch
1T	1/8" x 5/16" x 7"	Lining Punch

Black vinyl pouch
STD. PKG. 3 WEIGHT 3.15 LBS.



SET NO. HPC-9 9 PC. PUNCH AND CHISEL HOMEOWNER'S ROLL KIT

PART NO.	SIZE & DESCRIPTION	
2P	1/8" x 5/16" x 4-3/4"	Pin Punch
3P	3/16" x 3/8" x 5-1/4"	Pin Punch
1C	1/4" x 1/4" x 4-1/4"	Cold Chisel
2C	3/8" x 5/16" x 5"	Cold Chisel
3C	5/8" x 1/2" x 6-1/2"	Cold Chisel
4C	3/4" x 5/8" x 7"	Cold Chisel
CP	3/8" x 5-1/2" x 6-1/2"	Center Punch
PP	3/8" x 5-1/2"	Prick Punch
SP	3/16" x 5-1/2"	Solid Punch

Black vinyl pouch
STD. PKG. 3 WEIGHT: 2.10 LBS.



SET NO. PS-5 5 PC. PUNCH SET

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
1P	3/32" x 1/4" x 4-1/2"	Pin Punch	
2P	1/8" x 5/16" x 4-3/4"	Pin Punch	
3P	3/16" x 3/8" x 5-1/4"	Pin Punch	
4P	1/4" x 3/8" x 5-3/4"	Pin Punch	
PP	3/8" x 5-1/2"	Prick Punch	

Black vinyl pouch
STD. PKG. 3 WEIGHT: 1.01 LBS.

NUT DRIVERS



NUT DRIVERS (HOLLOW SHAFT)

PART NO.	SIZE	LENGTH	STD. PKG.	WEIGHT EA.
706	3/16"	6-1/2"	6	.21 lbs.
707	7/32"	6-1/2"	6	.21 lbs.
708	1/4"	6-1/2"	6	.21 lbs.
710	5/16"	6-1/2"	6	.21 lbs.
711	11/16"	6-1/2"	6	.21 lbs.
712	3/8"	6-1/2"	6	.21 lbs.
714	7/16"	7-1/2"	6	.21 lbs.
716	1/2"	7-1/2"	6	.25 lbs.

SET NO. 727 7 PC. NUT DRIVER ROLL KIT

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
706	3/16" Nut Driver	712	3/8" Nut Driver
708	1/4" Nut Driver	714	7/16" Nut Driver
710	5/16" Nut Driver	716	1/2" Nut Driver
711	11/32" Nut Driver		

Black Vinyl Roll
STD. PKG. 3 WEIGHT: 1.30 LBS.



SET NO. 737 7 PC. NUT DRIVER KIT

PART NO.	SIZE & DESCRIPTION	PART NO.	SIZE & DESCRIPTION
706	3/16" Nut Driver	712	3/8" Nut Driver
708	1/4" Nut Driver	714	7/16" Nut Driver
710	5/16" Nut Driver	716	1/2" Nut Driver
711	11/32" Nut Driver		

Black Vinyl Pouch
STD. PKG. 3 WEIGHT 1.30 LBS.



SLIP JOINT PLIERS

SLIP JOINT PLIERS — FULL POLISH

PART NO.	SIZE & DESCRIPTION	LENGTH	STD. PKG.	WEIGHT EA.
SJ6	Slipjoint Plier	6-3/4"	6	.30 lbs.
SJ8	Slipjoint Plier	8"	6	.55 lbs.



RIB GROOVE PLIERS

RIB GROOVE PLIERS

PART NO.	SIZE & DESCRIPTION	LENGTH	STD. PKG.	WEIGHT EA.
GJ10	Rib Groove Pliers	10"	6	.78 lbs.
GJ12	Rib Groove Pliers	13"	3	1.22 lbs.





DIAGONAL CUTTING PLIERS

Narrow jaws work easily in confined areas. Useful for all general purpose electrical and electronic work. Induction hardened cutting edges.

PART NO.	LENGTH	A	B	C	D	WEIGHT
DP5	5"	5-1/4"	13/16"	3/8"	5/8"	.22 lbs.
DP6	6"	6"	13/16"	7/16"	11/16"	.28 lbs.
DP7	7-1/2"	7-7/16"	1-1/16"	1/2"	7/8"	.53 lbs.



LINEMAN'S PLIER WITH STRIPPING NOTCH

For utility lineman's work, wiring and electrical equipment insulation, and maintenance. Precision matched, induction hardened edges. Built-in insulation crusher.

PART NO.	LENGTH	A	B	C	D	WEIGHT
LPS6	6"	6-1/2"	1-1/4"	1/2"	7/8"	.44 lbs.
LPS8	8"	8-1/2"	1-1/2"	5/8"	11/16"	.91 lbs.



DIAGONAL WITH STRIPPING NOTCHES

Narrow jaws work easily in confined areas. Useful for all general purpose electrical and electronic work. Induction hardened cutting edges. Has a convenient wire stripping notch.

PART NO.	LENGTH	A	B	C	D	WEIGHT
DPS5	4"	5-1/4"	13/16"	3/8"	5/8"	.22 lbs.
DPS6	6"	6"	13/16"	7/16"	11/16"	.28 lbs.



HEAVY DUTY LINEMAN'S PLIER

Heavy duty lineman's plier designed for cutting number 8 and other large wires. Precision matched cutting edges are induction hardened. Jaws have offset rivet for increased leverage and built-in insulation crusher.

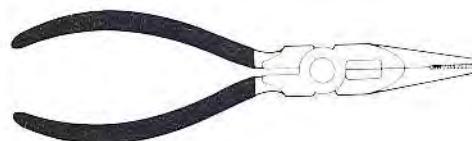
PART NO.	LENGTH	A	B	C	D	WEIGHT
LP9N	9"	9-1/2"	1-3/4"	9/16"	1-1/4"	1. lbs.



HEAVY DUTY DIAGONAL PLIER

Powerful leverage; heavy cutting with ease. Induction hardened cutting edges.

PART NO.	LENGTH	A	B	C	D	WEIGHT
HDP7	7"	7-1/8"	13/16"	1/2"	1-3/16"	.56 lbs.



CHAIN NOSE PLIERS WITH SIDE CUTTER

The long nose and strong, sharp induction-hardened cutters make an ideal combination plier for various electrical and electronic work.

PART NO.	LENGTH	A	B	C	D	TIP	WEIGHT
LN6	6"	6-1/2"	1-25/32"	11/32"	11/16"	1/8"	.28 lbs.
LN7	7"	7-1/2"	2-3/4"	3/8"	3/4"	5/32"	.34 lbs.



LINEMAN'S PLIER

For utility lineman's work, wiring and electrical equipment installation, and maintenance. Precision matched, induction hardened edges. Built-in insulation crusher.

PART NO.	LENGTH	A	B	C	D	WEIGHT
LP6	6"	6-1/2"	1-1/4"	1/2"	7/8"	.44 lbs.
LP7	7"	7-1/4"	1-1/4"	1/2"	1"	.67 lbs.
LP8	8"	8-1/2"	1-1/2"	5/8"	11/16"	.91 lbs.



CHAIN NOSE PLIERS WITHOUT SIDE CUTTER

Serrated jaws and long slim nose makes loops and bends in wire. Absence of side cutter prevents cutting mistakes.

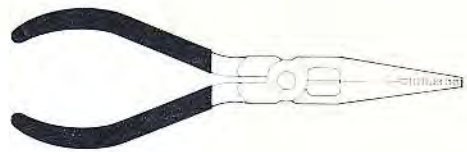
PART NO.	LENGTH	A	B	C	D	WEIGHT
LN6NC	6"	6-1/2"	1-25/32"	11/32"	1/8"	.28 lbs.
LN7NC	7"	7-1/2"	3/8"	3/4"	3/4"	.34 lbs.



LONG REACH NEEDLE NOSE PLIERS

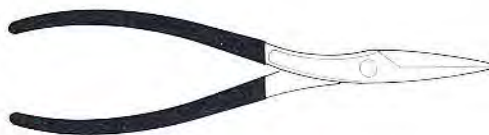
For drawing and looping wire work in close quarters and reaching back into inaccessible areas. Serrated jaws provide positive pulling or side holding grip.

PART NO.	LENGTH	A	B	C	D	WEIGHT
LN8	8"	7-3/4"	2"	7/16"	7/8"	.39 lbs.



FLAT NOSE PLIER WITH CUTTER

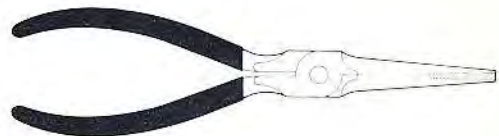
PART NO.	LENGTH	A	B	C	D	WEIGHT
FNC6	6"	6-1/2"	2-1/4"	3/8"	11/16"	.27 lbs.



LONG REACH DUCK BILL PLIERS

Long handles provide powerful leverage. Serrated jaws for positive gripping.

PART NO.	LENGTH	A	B	C	D	WEIGHT
LDUS8	8"	7-7/8"	1-1/2"	7/16"	9/16"	.41 lbs.



SNIPE NOSE PLIERS

Slim needle nose with serrated jaws for reaching into close quarters to pull wire and make loops. These pliers have unusual gripping ability without distortion.

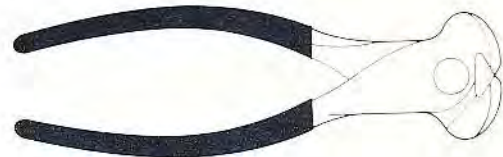
PART NO.	LENGTH	A	B	C	D	WEIGHT
SN6	6"	6-3/4"	2"	3/8"	11/16"	.25 lbs.



CURVED NEEDLE NOSE PLIERS

Serrated jaws and slender nose is built at an angle to reach around obstructions and to reach around low clearance areas.

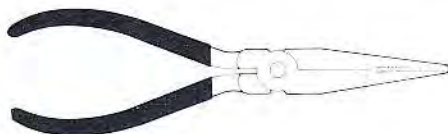
PART NO.	LENGTH	A	B	C	D	WEIGHT
CNN6	6"	6"	1-1/8"	3/8"	11/16"	.25 lbs.



HEAVY DUTY END NIPPER PLIER

Rivet placement results in increased leverage for ease in cutting most wire and nails. Unique design permits cutting in areas inaccessible to side cutting pliers.

PART NO.	LENGTH	A	B	C	D	WEIGHT
NP7	7"	7-1/4"	3/4"	1-3/16"	1-11/16"	.69 lbs.



FLAT NOSE PLIER

Serrated jaws at the very tip makes it extremely useful where handling of wire or plastic parts becomes a problem. This plier offers a very firm grip and the jaws are tempered so they will not distort when pressure is applied.

PART NO.	LENGTH	A	B	C	D	WEIGHT
FNS6	6"	6-1/2"	2-1/4"	3/8"	11/16"	.27 lbs.



MINIATURE DIAGONAL CUTTING PLIERS

Precision matched cutting edges are induction hardened. Cuts most types of small wire.

PART NO.	LENGTH	A	B	C	D	WEIGHT
DP4	4"	4-1/8"	15/32"	1/4"	13/32"	.16 lbs.
DP4-1/2	4-1/2"	4-5/8"	5/8"	5/16"	9/16"	.16 lbs.

TORQUE WRENCHES

THORSEN TOOL



MINIATURE CHAIN NOSE PLIERS

Narrow tapered jaws with serrated inside surfaces. Holds, bends, loops, and pulls wire in close quarters.

PART NO.	LENGTH	A	B	C	D	WEIGHT
LN4	4"	4-3/8"	1"	5/16"	7/16"	.09 lbs.



MINIATURE FLAT NOSE PLIER

Designed to grip and bend flat stock. Small narrow jaws allow access into restricted areas.

PART NO.	LENGTH	A	B	C	D	WEIGHT
FN4	4"	4-1/2"	1"	11/32"	7/16"	.12 lbs.



MINIATURE ROUND NOSE PLIERS

Small rounded jaws made to form accurate loops and bends in soft wire.

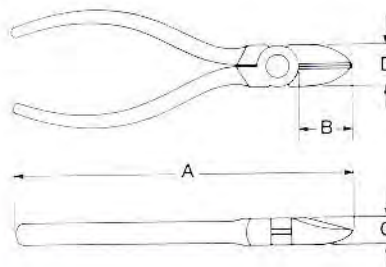
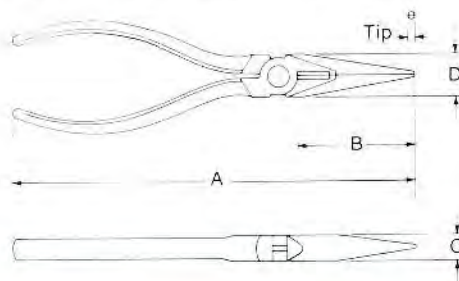
PART NO.	LENGTH	A	B	C	D	WEIGHT
RN4-1/2	4-1/2"	4-1/2"	13/16"	9/32"	7/16"	.12 lbs.



MINIATURE END NIPPER

Precision matched cutting edges are induction hardened and designed to cut small wire connectors, soft bolts, and rivets that are inaccessible to side cutting pliers.

PART NO.	LENGTH	A	B	C	D	WEIGHT
NP4	4"	4-1/2"	1/2"	3/4"	5/8"	.16 lbs.



TORQUE WRENCHES

TRI-TORQUE WRENCHES

PART NO.	SIZE & DESCRIPTION	LENGTH	STD. PKG.	WEIGHT EA.
T100	1/2 Dr. 100 Ft./Lbs. & 0-14 M/Kg.	16"	1	1.30 lbs.
T150	1/2 Dr. 150 Ft./Lbs. & 0-21 M/Kg.	16"	1	1.60 lbs.
T600	3/8 Dr. 600 In./Lbs. & 0-700 C/Kg.	14"	1	1.60 lbs.



SAE STANDARD / INCH POUNDS

GRADE OF BOLT	SAE 1 & 2	SAE 5	SAE 6	SAE 8	SIZE OF SOCKET OR WRENCH OPENING
MIN TENSILE STRENGTH	64,000 P.S.I.	105,000 P.S.I.	133,000 P.S.I.	150,000 P.S.I.	
GRADE MARKINGS ON HEAD					
U.S. STD.					
BOLT DIA.	INCH POUNDS				U.S. REGULAR
					BOLT HEAD NUT
1/4	60	84	120	126	3/8 7/16
5/16	108	168	228	264	1/2 9/16
3/8	180	300	408	444	7/16 5/8
7/16	288	480	660	720	5/8 3/4
1/2	444	720	1020	1104	3/4 13/16
9/16	636	1056	1440	1584	7/8 7/8

SAE STANDARD / FOOT POUNDS

GRADE OF BOLT	SAE 1 & 2	SAE 5	SAE 6	SAE 8	SIZE OF SOCKET OR WRENCH OPENING
MIN TENSILE STRENGTH	64,000 P.S.I.	105,000 P.S.I.	133,000 P.S.I.	150,000 P.S.I.	
GRADE MARKINGS ON HEAD					
U.S. STD.					
BOLT DIA.	FOOT POUNDS				U.S. REGULAR
					BOLT HEAD NUT
1/4	5	7	10	10.5	3/8 7/16
5/16	9	14	19	22	1/2 9/16
3/8	15	25	34	37	9/16 5/8
7/16	24	40	55	60	5/8 3/4
1/2	37	60	85	92	3/4 13/16
9/16	53	88	120	132	7/8 7/8
5/8	74	120	167	180	15/16 1.
3/4	120	200	280	296	1-1/8 1-1/8

METRIC STANDARD

GRADE OF BOLT	5D	8G	10K	12K	SIZE OF SOCKET OR WRENCH OPENING
MIN. TENSILE STRENGTH	71,160 P.S.I.	113,800 P.S.I.	142,200 P.S.I.	170,679 P.S.I.	
GRADE MARKINGS ON HEAD					
BOLT DIA.	U.S. DEC. EQUIV.	FOOT POUNDS			METRIC
					BOLT HEAD
6 mm	.2362	5	6	8	10
8 mm	.3150	10	16	22	27
10mm	.3937	19	31	40	49
12mm	.4720	34	54	70	86
14mm	.5512	55	89	117	137
16mm	.6299	83	132	175	208
18mm	.709	111	182	236	283
22mm	.8661	182	284	394	464

16" ALL PURPOSE HIP ROOF TOOL BOX

Popular for all-purpose use in home workshops or general repairs. This tool box is a heavy gauge all-steel, all-purpose tool box for home or farm workshops, general shop or industrial plant use. Electrically welded, it is sturdy and strong. Heavy vinyl handle for easy carrying. Continuous piano hinge, with staked-in hinge pins; heavy-duty hasp and staple for locking. Finished in gray hammertone enamel. Full length red enamel tote tray.

	Height	Width	Length	Weight
No. 99316	6-3/4"	7-1/16"	16-1/16"	4-3/4 lbs.

Packaged 6 Illustrated Cartons To A Standard Pack
No. 99326 Tool Box Only — No Individual Carton. Master Pack of Six.

19" ALL PURPOSE HIP ROOF TOOL BOX

Strong all-purpose Tool Box. This large all-purpose tool box is designed to carry a full complement of mechanic's hand tools. Made from heavy gauge steel, with heavy-duty hasp and staple for locking. Finished in hammertone gray with full length red enamel tote tray.

	Height	Width	Length	Weight
No. 99319	6-3/4"	7-1/16"	19-1/16"	5-1/2 lbs.

Packaged 6 Illustrated Cartons To A Standard Pack
No. 99329 Tool Box Only — No Individual Carton. Master Pack of Six.

20" MECHANIC'S TOOL BOX

Large rugged box has hip roof top with full length piano hinge and lift out tray. It is equipped with a sturdy hasp and staple for locking. Made of heavy gauge steel with chrome plated handle. Box is designed for large mechanic's tools, wrenches, socket sets, hammers, and hack saws. Finished in hammertone gray enamel.

	Height	Width	Length	Weight
No. 99320	9-3/8"	9-1/16"	20-1/4"	14-3/4 lbs.

Packaged 4 Illustrated Cartons To A Standard Pack

21" G.I. STYLE TOOL BOX

A heavy duty tool box for mechanics, homeowners, farmers, carpenters, etc. Constructed from heavy gauge steel for rugged use. Tool box has a two-section lid which opens full, or, right or left half opens as needed. Full length piano hinges on both covers. Full length tote tray finished in hammertone red enamel.

	Height	Width	Length	Weight
No. 99321	7-1/4"	8-1/2"	21"	12 lbs.

Packed 6 Illustrated Cartons To A Standard Pack





16" FLAT TOP TOOL BOX

Compact and convenient for tools, parts, and fittings. The lift-out tote tray brings the tools right to the work. Flat top for compact storage on shelves and in lockers. Made of heavy-gauge steel with full length piano hinge. Heavy-duty hasp and staple for locking. Painted in hammertone gray enamel with bright red tote tray.

	Height	Width	Length	Weight
No. 99356	6-3/4"	2-1/16"	16-1/16"	4-1/2"

Packaged (6) Illustrated Cartons to a Standard Pack
No. 99366 Tool Box Only — No Individual Carton. Master Pack of Six.



19" FLAT TOP TOOL BOX

Same as 16" Flat Top Box, but larger in size to accommodate more items, including large hand tools, and accessories. Made of heavy-gauge steel with full length piano hinge. Heavy-duty hasp and staple for locking. Painted in hammertone gray enamel with bright red enamel tote tray.

	Height	Width	Length	Weight
No. 99359	6-3/4"	7-1/16"	19-1/16"	5 lbs.

Packaged (6) Illustrated Cartons to a Standard Pack
No. 99369 Tool Box Only — No Individual Carton. Master Pack of Six.



UTILITY CHEST

Here's a utility box with an unlimited number of uses. It's an ideal Handyman's Tool Kit for small tools or hobby shop. Even the "small fry" can use this box for his or her fishing gear. The Utility Chest is one-piece seamless steel construction with smooth round corners in a hammertone gray enamel finish. Automatic cantilever tray swings back when top is opened. Full-grip handle with heavy-duty hasp and staple for locking.

	Height	Width	Length	Weight
No. 99313	5-3/4"	6-3/8"	13-1/2"	2-1/2"

Packaged (6) Illustrated Cartons to a Standard Pack



MECHANIC'S TOOL CHEST

This tool chest has large hip roof design that opens and swings back to expose two (2) sliding drawers and a one-piece tote tray. A good all-around tool chest for mechanics and factory workers. Made from heavy gauge steel with full length piano hinge for added strength. Finished in hammertone gray enamel with tote tray and drawers finished in bright red enamel. Tool chest has two (2) heavy-duty hasps and staples for locking.

	Height	Width	Length	Weight
No. 99340	9-3/8"	9"	20-1/4"	19-1/2 lbs.

Packaged (4) Illustrated Cartons to a Standard Pack

TOOL BOX WARRANTY

All Tool Boxes are warranted against defective material or workmanship. Any Tool Box showing a defect in material or workmanship will be repaired, replaced or credit given at our option. No Tool Boxes are to be returned to us without written authorization from the factory. If return is authorized, transportation charges are to be prepaid. Tool Boxes showing evidence of abuse or misuse are not covered by this Warranty.

THREAD DIAMETER OF BOLT, NUT, OR SCREW

Determine the type of bolt, nut or screw and locate the thread diameter below. Then move across to the left hand column to find the wrench size that will fit the bolt head or nut.

NOMINAL WRENCH SIZE Also width across flats of Bolts, Screw Heads and Nuts	AMERICAN STANDARD ASSOCIATION (B18.2.1 and B18.2.2 — 1965)					
	BOLTS			Square Nut	NUTS	
	Square Bolt	Heavy Hex Bolt	Hex Flat Hex Jam Hex Hex Jam Hex Slotted Hex Thick Hex Thick Slotted Hex Castle		Heavy Square Heavy Hex Flat Heavy Hex Flat Jam Heavy Hex Heavy Hex Jam Heavy Hex Slotted	
	Hex Bolt	Heavy Hex Screw				
	Hex Cap Screw (Finished Hex Bolt)	Heavy Hex Structural Bolt				
Lag Screw						
9/32"	No. 10*	—	—	—	—	—
5/16"	—	—	—	—	—	—
11/32"	—	—	—	—	—	—
3/8"	1/4"*	—	—	—	—	—
7/16"	1/4"	—	1/4"	1/4"	—	—
1/2"	5/16"	—	—	5/16"	1/4"	—
9/16"	3/8"	—	5/16"	3/8"	5/16"	—
19/32"	—	—	—	—	—	—
5/8"	7/16"	—	3/8"	—	—	—
11/16"	—	—	—	7/16"	3/8"	—
3/4"	1/2"	—	7/16"	1/2"	7/16"	—
3/4"	—	—	—	—	—	—
13/16"	9/16"	—	1/2"	—	—	—
7/8"	—	1/2"	—	9/16"	1/2"	—
15/16"	5/8"	—	—	5/8"	9/16"	—
31/32"	—	—	—	—	—	—
1"	—	—	5/8"	—	—	—
1-1/16"	—	5/8"	—	—	—	—
1-1/8"	3/4"	—	3/4"	34"	—	5/8"
1-1/4"	—	3/4"	—	—	—	—
1-5/16"	7/8"	—	7/8"	7/8"	—	3/4"
1-3/8"	—	—	—	—	—	—
1-7/16"	—	7/8"	—	—	—	7/8"
1-1/2"	1"	—	1"	1"	—	—
1-5/8"	—	1"	—	—	—	1"
1-11/16"	1-1/8"	—	1-1/8"	1-1/8"	—	—
1-13/16"	—	1-1/8"	—	—	—	1-1/8"
1-7/8"	1-1/4"	—	1-1/4"	1-1/4"	—	—
2"	—	1-1/4"	—	—	—	1-1/4"
2-1/16"	1-3/8"	—	1-3/8"	1-3/8"	—	—
2-3/16"	—	1-3/8"	—	—	—	1-3/8"
2-1/4"	1-1/2"	—	1-1/2"	1-1/2"	—	—
2-3/8"	—	1-1/2"	—	—	—	1-1/2"
2-7/16"	1-5/8"	—	—	—	—	—
2-9/16"	—	1-5/8"	—	—	—	1-5/8"
2-5/8"	1-3/4"	—	—	—	—	—
2-3/4"	—	1-3/4"	—	—	—	1-3/4"
2-13/16"	1-7/8"	—	—	—	—	—
2-15/16"	—	1-7/8"	—	—	—	1-7/8"
3"	2"	—	—	—	—	—
3-1/8"	—	2"	—	—	—	2"
3-3/8"	2-1/4"	—	—	—	—	—
3-1/2"	—	2-1/4"	—	—	—	2-1/4"
3-3/4"	2-1/2"	—	—	—	—	—
3-7/8"	—	2-1/2"	—	—	—	2-1/2"
4-1/8"	2-3/4"	—	—	—	—	—
4-1/4"	—	2-3/4"	—	—	—	2-3/4"
4-1/2"	3"	—	—	—	—	—
4-5/8"	—	3"	—	—	—	3"
4-7/8"	3-1/4"	—	—	—	—	—
5"	—	—	—	—	—	—
5-1/4"	3-1/2"	—	—	—	—	3-1/4"
5-3/8"	—	—	—	—	—	3-1/2"
5-5/8"	3-3/4"	—	—	—	—	3-1/2"
5-3/4"	—	—	—	—	—	3-3/4"
6"	4"	—	—	—	—	3-3/4"
6-1/8"	—	—	—	—	—	4"
						4"

*Regular square only.

CONVERSION CHART

FRACTIONAL-DECIMAL-METRIC

Milli-metre	Dec. Equiv.	Fractional	Milli-metre	Dec. Equiv.	Fractional	Milli-metre	Dec. Equiv.	Fractional	Milli-metre	Dec. Equiv.	Fractional	Milli-metre	Dec. Equiv.	Fractional
.1	.0039		1.75	.0689		....	.1570		6.8	.2677		10.72	.4219	27/64
.15	.0059		....	.0700		4.0	.1575		6.9	.2716		11.0	.4330	
.2	.0079		1.8	.0709		....	.1590		....	.2720		11.11	.4375	7/16
.25	.0098		1.85	.0728		....	.1610		7.0	.2756		11.5	.4528	
.3	.0118		....	.0730		4.1	.1614		....	.2770		11.51	.4531	29/64
....	.0135		1.9	.0748		4.2	.1654		7.1	.2795		11.91	.4687	15/32
.35	.0138		....	.0760		....	.1660		....	.2811		12.0	.4724	
....	.0145		1.95	.0767		4.25	.1673		7.14	.2812	9/32	12.30	.4843	39/64
.39	.0156	1/64	1.98	.0781	5/64	4.3	.1693		7.2	.2835		12.5	.4921	
.4	.0157		....	.0785		....	.1695		7.25	.2854		12.7	.5000	1/2
....	.0160		2.0	.0787		4.37	.1719	11/64	7.3	.2874		13.0	.5118	
.45	.0177		2.05	.0807		....	.1730		....	.2900		13.10	.5156	33/64
....	.0180		....	.0810		4.4	.1732		7.4	.2913		13.49	.5312	17/32
....	.0197		....	.0820		....	.1770		....	.2950		13.5	.5315	
.5	.0200		2.1	.0827		4.5	.1711		7.5	.2953		13.89	.5469	35/64
....	.0210		2.15	.0846		....	.1800		7.54	.2968	19/64	14.0	.5512	
....	.0217		....	.0860		4.6	.1811		7.6	.2992		14.29	.5625	9/16
.55	.0225		2.2	.0866		....	.1820		....	.3020		14.5	.5709	
....	.0236		2.25	.0885		4.7	.1850		7.7	.3031		14.68	.5781	37/64
.6	.0240		....	.0890		4.75	.1870		7.75	.3051		15.0	.5906	
....	.0250		2.3	.0905		4.76	.1875	3/16	7.8	.3071		15.08	.5937	19/32
.65	.0256		2.35	.0925		4.8	.1890		7.9	.3110		15.48	.6094	39/64
....	.0260		....	.0935		....	.1910		7.94	.3125	5/16	15.5	.6102	
....	.0280		2.38	.0937	3/32	4.9	.1929		8.0	.3150		15.88	.6250	5/8
.7	.0276		2.4	.0945		....	.1935		....	.3160		16.0	.6299	
....	.0292		....	.0960		....	.1960		8.1	.3189		16.27	.6406	41/64
.75	.0295		2.45	.0964		5.0	.1968		8.2	.3228		16.5	.6496	
....	.0310		....	.0980		....	.1990		....	.3230		16.67	.6562	21/32
.79	.0312	1/32	2.5	.0984		5.1	.2008		8.25	.3248		17.0	.6693	
.8	.0315		....	.0995		....	.2010		8.3	.3268		17.06	.6719	43/64
....	.0320		....	.1015		5.16	.2031	13/64	8.33	.3281	21/64	17.46	.6875	11/16
....	.0330		2.6	.1024		....	.2040		8.4	.3307		17.5	.6890	
.85	.0335		....	.1040		5.2	.2047		....	.3320		17.86	.7031	45/64
....	.0350		2.7	.1063		....	.2055		8.5	.3346		18.0	.7087	
.9	.0354		....	.1065		5.25	.2067		8.6	.3386		18.26	.7187	23/32
....	.0360		2.75	.1082		5.3	.2086		....	.3390		18.5	.7283	
....	.0370		2.78	.1094	7/64	....	.2090		8.7	.3425		18.65	.7344	47/64
.95	.0374		....	.1100		5.4	.2126		8.73	.3437	11/32	19.0	.7480	
....	.0380		2.8	.1102		....	.2130		8.75	.3445		19.05	.7500	3/4
....	.0390		....	.1110		5.5	.2165		8.8	.3465		19.45	.7656	49/64
1.0	.0394		....	.1130		5.56	.2187	7/32	....	.3480		19.5	.7677	
....	.0400		2.9	.1141		5.6	.2205		8.9	.3504		19.84	.7812	25/32
....	.0410		....	.1160		....	.2210		9.0	.3543		20.0	.7874	
1.05	.0413		3.0	.1181		5.7	.2244		....	.3580		20.24	.7969	51/64
....	.0420		....	.1200		5.75	.2263		9.1	.3583		20.5	.8071	
....	.0430		3.1	.1220		....	.2280		9.13	.3594	23/64	20.64	.8125	13/16
1.1	.0433		3.18	.1250	1/8	5.8	.2283		9.2	.3622		21.0	.8268	
1.15	.0452		3.2	.1260		5.9	.2323		9.25	.3641		21.03	.8281	53/64
....	.0465		3.25	.1279		....	.2340		9.3	.3661		21.43	.8437	27/32
1.19	.0469	3/64	....	.1285		5.95	.2344	15/64	....	.3680		21.5	.8465	
1.2	.0472		3.3	.1299		6.0	.2362		9.4	.3701		21.83	.8594	55/64
1.25	.0492		3.4	.1338		....	.2380		9.5	.3740		22.0	.8661	
1.3	.0512		....	.1360		6.1	.2401		9.53	.3750	3/8	22.23	.8750	7/8
....	.0520		3.5	.1378		....	.2420		....	.3770		22.5	.8858	
1.35	.0531		....	.1405		6.2	.2441		9.6	.3780		22.62	.8906	57/64
....	.0550		3.57	.1406	9/64	6.25	.2460		9.7	.3819		23.0	.9055	
1.4	.0551		3.6	.1417		6.3	.2480		9.75	.3838		23.02	.9062	29/32
1.45	.0570		....	.1440		6.35	.2500	1/4	9.8	.3858		23.42	.9219	59/64
1.5	.0591		3.7	.1457		6.4	.2520		....	.3860		23.5	.9252	
....	.0595		....	.1470		6.5	.2559		9.9	.3898		23.81	.9375	15/16
1.55	.0610		3.75	.1476		....	.2570		9.92	.3906	25/64	24.0	.9449	
1.59	.0625	1/16	....	.1495		6.6	.2598		10.0	.3937		24.21	.9531	61/64
1.6	.0629		3.8	.1496		....	.2610		....	.3970		24.5	.9646	
....	.0635		....	.1520		6.7	.2638		....	.4040		24.61	.9687	31/32
1.65	.0649		3.9	.1535		6.75	.2657	17/64	10.32	.4062	13/32	25.0	.9843	
1.7	.0669	1540		6.75	.2657	4130		25.03	.9844	63/64
....	.0670		3.97	.1562	5/322660		10.5	.4134		25.4	1.0000	1

THORSEN TOOL

THORSEN TOOL...
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